Exploring the potential relationships between maternal depression and infant injury

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Project Dissertation
in partial fulfillment for the degree of
MSc in Community Paediatrics
Institute of Child Health, University College London

September 2005

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For Jon, Isaac and Samuel

"Accidents will happen……..."

Declan Patrick MacManus, 1979

Abstract

Background: Postnatal depression affects up to a third of British mothers in the first year after childbirth and childhood injuries are one of the commonest causes of hospital attendance. It is not clear whether these two phenomena are related to one another, but there are several possible mechanisms by which maternal depression could increase the risk of infant injury.

Aim: This study explores whether there is a link between maternal depression and injury in babies, and if this link persists when adjusted for social factors.

Methods: Data from the Millennium Cohort Study, a large population-based cohort study, were analysed using multivariate logistic regression to explore potential relationships between maternal depression and infant injury. These data were derived from interviews conducted with the parents of over 18,000 nine-month old babies in the United Kingdom.

Results: Mothers who reported symptoms of postnatal depression and those with low self-esteem were more likely to report injuries to their infants. The reporting of injuries increased with younger maternal ages and with higher educational qualifications. Additionally, mothers of first born children were more likely to report injuries than those of later born children. However, injuries were less commonly reported in Northern Ireland, compared to other areas of the UK, yet were more commonly reported by mothers living in deprived electoral wards. Significantly, mothers under financial stress and those who perceived their neighbours as unfriendly were both more likely to report injuries to their babies. The risk of admission to hospital due to injury was increased for infants with teenage mothers and for those whose mothers reported low self-esteem.

Conclusions: Addressing postnatal depression and low maternal self esteem may potentially decrease the number of injuries in babies.

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Introduction

Injuries are one of the commonest causes of hospital attendance in children and are one of the leading causes of death in early childhood (Office for National Statistics, 1997; Roberts, 1997; Towner et al., 2005). The risk of injury is greatest in children from poorer homes, in single parent households and to children whose mothers are very young or who have spent least time in education (Towner et al., 2005). Current injury prevention approaches have lead to a fall in childhood injury rates; but have been more effective in wealthier households and less successful in the poorest households (Roberts and Power, 1996). The reasons for this difference are unclear, but will need to be understood if new injury prevention strategies that work in poorer households are to be effectively developed.

Whether mothers are suffering from postnatal depression may significantly influence the relationship between childhood injury and social deprivation. Postnatal depression is a common condition affecting over 10% of British mothers in the first year after childbirth (Murray et al., 2003a). Many of the risk factors that increase childhood injury, including young and unsupported mothers and mothers with low incomes, also increase the risk of postnatal depression (Cooper and Murray, 1998). Postnatal depression often makes it difficult for mothers to look after their babies as well as they would like, and can contribute to developmental and behavioural problems in babies and young children (Murray et al., 2003a). Through its effects on maternal functioning and mother-child bonding, depression is known to be a risk factor for intentional injuries and neglect (Chaffin and Kelleher, 1996). These factors each provide plausible mechanisms whereby maternal depression could lead to increased unintentional injury in young infants. A limited number of previous studies have addressed this question,

and shown that babies whose mothers are depressed are more likely to sustain injuries (O'Connor et al., 2000) or be exposed to potential injury hazards (McLennan and Kotelchuck, 2000; Chung et al.,2004).

In this study we have used multivariate regression methods to analyse data from a very large birth cohort study, the Millennium Cohort Study (MCS, Smith and Joshi, 2002), to explore the relationship between maternal depression and infant injury. This dataset has collected detailed information from over 18,000 families, concerning the mental well-being of the mothers in the study, their attitudes to their babies and to parenting, their perceptions of social support and their socioeconomic circumstances. This dataset represents a unique opportunity to study the inter-relationships between these factors. Understanding the contribution, if any, which maternal depression makes to the risk of injury in infancy will be crucial for developing and targeting injury prevention strategies more effectively, and may provide a means of addressing the unequal risk of injury bourne by the most disadvantaged children in society.

Aims

This study will explore the relationship, if any, between reported maternal depression and reported injury in infancy in the MCS dataset. Firstly, it will describe the relationships which exist in the dataset between infant injuries and the following maternal factors:

a) depression and depressive symptoms

b) self-esteem and self-efficacy

c) attitudes toward their infant

d) perceptions of social support

The **specific hypotheses** that will be tested are as follows:

1. Maternal depression results in reduced ability to protect children, to predict risky situations and to take appropriate safeguarding actions. We predict that infants whose mothers describe themselves as depressed are more likely to report injury to their infants than those mothers who do not report depression.

2. Self-confidence and a positive self-image help parents to develop effective parenting styles and to believe they can take actions which protect their children's health. We hypothesise that infants whose mothers report low levels of competence and self-confidence are more likely to sustain injury than infants of mothers who perceive themselves as competent and confident.

3. Mothers who are attached to their babies are more likely to anticipate their behaviour accurately and to be motivated to protect them from injury. Our hypothesis is that infants whose mothers express low levels of warmth and attachment are more likely to sustain injury than those who mothers describe high levels of attachment.

4. Good maternal mental health is promoted by a supportive network of family and friends. Infants whose mothers perceive themselves as socially isolated and lacking support are more likely to sustain injury than those who mothers feel adequately supported.

We expect that many of the factors listed above will have relationships to one another, and that any associations between these factors and infant injury will be confounded by several socioeconomic factors, (including maternal age, maternal

education, ethnicity, income and lone parent status). Multivariate regression techniques will be used to explore the relationships between these all factors and their relative contributions to increasing the risk of injury in young infants.

Background

Injuries as a child health problem

Injuries are a serious cause of mortality and morbidity in children (*www.capt.org.uk*). Indeed, they are the leading cause of death in children above the age of one year old (Office for National Statistics, 1997). Around 500,000 under 4 year old children attend hospital each year in the United Kingdom, accounting for around 18% of the total injuries sustained. Around 19,000 of these children require admission as a result of an injury or accident (HASS report, Department of Trade and Industry, 2003). About half of these hospital attendances are due to falls or colliding with an object; with foreign bodies, burns and scalds and poisoning being the next most common reasons for attendance. The vast majority these injuries occur at home and, in contrast to older age groups, injuries sustained in road accidents or playgrounds are less common (HASS report, Department of Trade and Industry, 2003).

Although grouping together 0-4 year old children is a common method of presenting injury statistics, it results in combining information about infants, toddlers and preschool children who are at very different stages in their development. Over this time period children's skills change rapidly, both in terms of their mobility and ability to reach and manipulate objects, and in terms of their awareness and memory of potentially hazardous situations (Towner et al., 2005). Therefore, the hazards that young children are exposed to and the mechanisms by which they are injured are likely to

change markedly according to their developmental stage. This has been illustrated by epidemiological studies which have examined child injuries by year of age (Agran et al., 2001) or in smaller time increments (Agran et al., 2003; Pickett et al., 2003). These studies have shown that childhood injury is less common in the first year of life and that the most frequent mechanisms of injury are different in toddlers and older children.

Trends in injury risk and type are also apparent within the first year of life, reflecting the rapid change in developmental skills during this time period. Infants' risk of injury increases towards the end of the first year of life, coinciding with the time at which most babies become independently mobile (Pickett et al, 2003). At the same time the mechanisms of injury become more similar to those seen in two-year-olds, with a rising incidence of poisonings, injuries involving a foreign body, and thermal injuries (Agran et al., 2001; Pickett et al., 2003). Although falls account for the great majority of injuries throughout the first year of life, the types of fall change over this time. Very young babies fall from their carers' arms or from items of furniture, whilst older babies fall down stairs or trip over (Agran et al., 2003; Pickett et al., 2003). Many infant injuries are minor and do not ever present to health services. Of those injured babies who do attend hospital, few require admission and deaths in this group are rare (Warrington et al., 2001). Unlike other major causes of death and disability in childhood and infancy, injuries are potentially preventable. However, in order to develop effective preventative strategies it is necessary to understand which groups of children are most at risk of injury and the factors that account for this.

Gender and infant injury

It is well recognised that throughout childhood, injuries and deaths due to injury occur more commonly in boys than girls (reviewed by Towner et al., 2005). This

increased risk is often attributed to boys taking part in more risky physical activities and that both children and parents having different attitudes to risk-taking behaviour in boys. It has been less clear whether this difference in injury risk extends to infancy when these factors would appear to be less important. Deaths due to injury, including a significant proportion of intentional injuries, were more common in male infants than in female infants, in two large population based studies in the United States (Brenner et al., 1999; Scholer et al., 1999). In the United Kingdom, hospital attendance rates in under one-year-olds following an injury were also greater in boys than girls (Laing and Logan, 1999) and similar findings were made in a large community sample of under two-year-olds, using maternal reports of injury and hospital attendance (O'Connor et al., 2000). However, another large study population based study in Canada demonstrated no gender differences in maternally reported injuries in infants and toddlers (Kohen et al., 2000) and similarly, no relationships between infant gender and number of maternally reported injuries or hospital admissions due to injury have been found in the Millennium Cohort Study dataset (Walton, personal communication).

Social factors and infant injury

Childhood injury is a major public health issue, and reducing child deaths and serious injury was one of four key targets in the UK Government's consultation document, '*Saving lives: our healthier nation*', which outlined public health priorities for the next 5 years (Department of Health, 1999). More recently, a further consultation document, '*Every Child Matters*', which addresses children's health and social care needs, identifies "Staying Safe" as one of the key issues to be improved by multiagency working across the fields of education, social services and health (Department of Education and Skills, 2003).

Injuries are not evenly distributed within the population. There is a clear and persistent social gradient that has been described in many studies in several developed countries (Roberts et al., 1998; Grossman, 2000; Pensola and Valkonen, 2000). In the United Kingdom, although deaths from injury fell during from 1981 to 1992, this improvement was less marked in lower social classes, resulting in widening health inequality (Roberts and Power, 1996; Roberts, 1997). Over this period, the risk of death from injury to children in the lowest social class rose from 3.5 to 5 times more than children in the highest social class (Roberts and Power, 1996). Non-fatal injuries have also been demonstrated to be highest in the poorest households (Danseco et al., 2000; Faelker et al., 2000; Towner et al., 2005).

In the United States, increased risk of infant death from injury is associated with lack of antenatal care, little maternal education, young maternal age, unmarried mothers, low birth weight and increasing family size (Brenner et al., 1999; Scholer et al., 1999; Jain et al., 2001). These studies included deliberately inflicted injuries, which were the commonest cause of death in this population. Suffocation was the commonest non-intentional cause of death, followed by motor vehicle accidents, choking, fire related injuries and drowning (Brenner et al., 1999; Scholer et al., 1999; Jain et al., 2001). Nevertheless, it is important to recognize that only a very small proportion of infant injuries result in death, and therefore these injuries and the family characteristics associated with them are unlikely to be typical of all infant injuries. However, a clear association between household income and hospital admissions, for both mild and moderate (but not severe) injury, was demonstrated in a small population based study in California (Marcin et al., 2003).

Social effects clearly influence the likelihood of hospital admissions. In Sweden for example, the likelihood of an under four-year-old child being admitted to hospital following a fall was greater if the child came from an unskilled worker's home compared to a professional home (Engstrom et al., 2002). In addition to social class, other factors are also likely to influence childhood injury rates. Vulnerable families, often single parent families, are most likely to be at increased risk. Researchers in Sweden used a national birth cohort study to examine the relationship between teenage parents and injuries in infants and young children (Ekeus et al., 2004). These data revealed that the children of teenage parents were at increased risk of hospital admission from non-intentional injury (Ekeus et al., 2004).

Similar data were obtained in a second Swedish study that focussed upon single parent families (Weitoft et al., 2003), further emphasising the link between social deprivation and various forms of infant injury leading to hospital admission. Interestingly, although most of the risks of adverse health outcomes associated with single parent family status in this study were modified after adjustment for socioeconomic factors, the relationship between falls and poisonings and single parent homes persisted (Weitoft et al., 2003).

Maternal depression

Maternal depression is a huge public health issue, affecting large numbers of mothers and children. Indeed, the lifetime prevalence of depression is around 20% in women, but rates reach as high as 40% in working class, unemployed mothers with young children (Burke, 2003). Consistent with these rates of depression in the wider female population, maternal depression in the postnatal period has a prevalence of approximately 10-20% (O'Hara and Swain, 1996; Burt and Stein, 2002). Postnatal

depression typically develops during the first three months after delivery, and persists for around three to six months if untreated. However, up to 10% of women with postnatal depression will still be symptomatic up to a year after delivery (Cooper and Murray, 1995). Symptoms of depression include low mood, lack of energy, lack of enjoyment in activities, sleep disturbance, poor concentration and feelings of low self-esteem, anxiety and guilt (Murray et al., 2003a).

Postnatal depression should be distinguished from the more severe postpartum psychoses which affect about 1-2 per 1,000 women, usually within the first month after delivery and which are characterised by hallucinations and delusional thinking. Women with a personal or family history of manic-depressive illness are particularly at risk, and social and environmental factors do not appear to be significant aetiological factors (Murray et al., 2003a). In contrast, the major risk factors for postnatal depression are largely socially mediated and include low income households, lack of social support and marital conflict (Cooper et al., 1988). A past history of depression, significant "maternity blues" in the puerperium and having an irritable baby also increase the risk of postnatal depression (Murray et al., 1996), whilst close confiding relationships are protective (Burke, 2003).

Maternal depression is also likely to have significant effects upon the family as a whole. Depressed people are less likely to enjoy positive interactions with others, and it is unsurprising that depressed women are likely to have higher rates of marital conflict and divorce (Burke, 2003). Furthermore, the children of depressed mothers are more likely to develop conduct problems, and other psychiatric conditions including depression (Beardslee et al., 1983), and adverse effects upon intelligence have been reported (Cogill et al., 1986). Although many children of depressed mothers do not

develop these long term sequelae, those children with recurrent family difficulties (Caplan et al., 1989; Ghodsian et al., 1984) or with other neurodevelopmental risk factors, such as prematurity are particular likely to do so (Hay and Kumar, 1995).

These adverse effects are thought to be mediated to a large extent by the impairment of mother-child interactions that occurs when mothers become depressed (Lovejoy et al., 2000). Depressed mothers show less responsiveness and less sensitive interactions with their children (Cox et al., 1987; Lovejoy, 1991; Bettes, 1988) These mothers are more likely to be rejecting and hostile and are described as "more inconsistent and ineffectual" in managing children's behaviour (Susman et al., 1985; Lovejoy et al., 2000). Depressed mothers also report more difficulties managing their infants' crying and demanding behaviour (Seeley et al., 1996) and are more likely to use physical punishments in this young age group (Chung et al., 2004). Unsurprisingly, in the light of these findings, maternal depression has also been identified as a risk factor for physical child abuse (Chaffin and Kelleher, 1996).

Maternal depression may also affect child safety behaviour and depressed mothers are less likely to follow preventative health advice and adopt infant safety strategies (McLennan and Kotelchuck, 2000; Leiferman, 2002; Chung et al., 2004). In a large community sample of English families, an association was demonstrated between reported maternal depression and sustaining a burn or two or more accidents by the age of two years old (O'Connor et al., 2000).

Taken together, several lines of evidence point towards links between social circumstances, the incidence of maternal depression and infant injury. Although many of these factors may be intuitively linked to one another (e.g. social deprivation and

maternal depression), the use of multivariate techniques upon a comprehensive data set will allow these relationships to be formally evaluated. Moreover, these analyses may permit unexpected associations between other variables to be revealed. Data of this sort will prove particularly valuable not only for determining those children at highest risk, but for understanding the mechanisms that underlie this risk, so that effective interventions can be developed to reduce infant injury.

Methods

The Millennium Cohort Study

This study uses data collected in the Millennium Cohort Study (MCS), a large prospective birth cohort study involving 18,553 families from all parts of the United Kingdom (Smith and Joshi, 2002). The children in the study were all born between September 2000 and August 2001 (England and Wales) and December 2000 and November 2001 (Scotland and Northern Ireland).

Data sampling in the MCS

All data in the MCS were collected via a cluster sampling design, based upon electoral wards (Plewis, 2003). This sampling was designed to enrol proportionately more children from deprived areas, areas with high minority ethnic populations, and non-English areas of the UK (Plewis, 2003). The selected electoral wards were chosen after an initial designation of wards as either 'advantaged', 'disadvantaged' or 'ethnic'. These categories were mutually exclusive, although many ethnic wards would have also met the criteria for being disadvantaged. Disadvantaged wards were defined as those with Child Poverty Index scores in the highest quartile (Office of National Statistics, 2000). Ethnic wards, containing at least 30% minority ethnic families, were similarly

identified using 1991 Census data, with the remaining wards designated as being advantaged. Department of Work and Pensions (DWP) records of children eligible for Child Benefit were used to identify all children born in the 398 sample wards during the study period. In addition, health visitors were asked to identify eligible infants who had moved into the selected wards between birth and nine months of age.

Interview procedures in the MCS

Families were initially contacted by the DWP when their infants were about seven months old. Approximately 1% of eligible infants were deemed "sensitive cases" by the DWP and these children were excluded from the study. Families were sent information about the study and given the opportunity to opt-out of the study by writing or telephoning the DWP. A second letter was sent to each family, just before the interview, to serve as a reminder and to introduce them to their interviewer.

Face-to-face interviews took place at the child's home and were conducted by trained interviewers from the National Centre for Social Research. The interview was timed to take place as close as possible to the baby being nine months and 15 days old, but no interview took place after the baby's first birthday. The interview used a computer-based questionnaire format and took about 1 ¾ hours to complete. Most questions were asked verbally by the interviewer, who then coded the responses and entered them directly into a computer. In non-English speaking households the family were asked to provide an interpreter, who was usually a family member or a friend. Rarely, if the family could not find a suitable interpreter, a professional interpreter was provided by the study.

One section of the questionnaire was completed by the parent reading questions from the computer screen and directly entering the answers into a computer, with the help of an interpreter if necessary. This section was used to elicit answers to more sensitive or personal questions. Where possible, information was also collected from Personal Child Health records and from birth registration records to supplement the information given during the interview.

Sample characteristics of the MCS

The MCS enrolled 18,819 babies from 18,553 families (including 246 sets of twins, and 10 sets of triplets). The overall response rate was 68%, with lower rates of response in ethnic and disadvantaged wards compared to advantaged wards (Joshi et al., 2004). Interviews were conducted with the natural mother in all but 21 cases. 1% interviews (226) were conducted in a non-English language, and a further 3% (547) in English and another language. (Joshi et al., 2004). 75% interviews were carried out at when the baby was nine months old, 3% at eight months old, 19% at 10 months old, and 3% at 11 months old (Joshi et al., 2004). Preliminary findings from the MCS have been published (Dex and Joshi, 2004), and a summary of the findings relevant to the present study can be found in Appendix 3.

a) Infant injuries in the MCS dataset

Overall 1,485 (8%) infants sustained an injury. These injuries were comprised of 58% head injuries, 21% soft tissue injuries, 8% burns and scalds, 2% fractures, and 2% swallowed objects (Dezateux et al., 2004). The vast majority of babies sustained only one injury, but 70 received more than one. 93 (0.5%) children were admitted to hospital following an injury. The injuries in this group included head injuries (63%), burns and

scalds (11%), and soft tissue injuries (10%). No deaths due to injury were reported (Dezateux et al., 2004).

The risk of injury increased with the age of the child. At the time of interview, the vast majority of infants could sit unsupported, move about independently and stand up with support, whilst about 5% could walk unsupported (Dezateux et al., 2004). Young maternal age, lone parent status, maternal depression or long standing illness, residence in a disadvantaged ward and white/mixed ethnic origin were all associated with reporting an injury. Hospital admission following an injury was associated with young maternal age, long term illness and alcohol use during pregnancy (Dezateux et al., 2005).

b) Maternal depression in the MCS dataset

Around a third of mothers reported feeling sad or low for at least two weeks. There was considerable variation in rates depending on electoral ward type, with 37.3% of those in disadvantaged wards affected, compared to 29.8% in advantaged wards. The prevalence of depression or serious anxiety, diagnosed by a health professional, also varied by electoral ward type, being reported by 27.1% of mothers in disadvantaged wards and 23.2% of those in advantaged wards. Similar variation was seen in the malaise scale, which uses a cut off of four or more on a nine-item scale to indicate likely depression or anxiety. Using this measure, 11.4% of mothers in advantaged wards and 18.2% in ethnic wards reported significant depression and anxiety (Bartley et al., 2004).

Statistical analyses performed in this study

To investigate the potential relationships between variables in this study multivariate logistic regression was used to explore the MCS dataset. Initially variables

were chosen which related to the hypotheses under investigation by measuring aspects of maternal mental health, maternal self-esteem, attitudes towards the baby and the family's social environment and support networks. A full list of the independent variables used and how they were derived is provided in Appendix 2.

The dependant variables used were:

a) any injury for which a medical opinion was sought.

b) any injury resulting in admission to hospital.

Every independent variable was tested against each of the outcome measures separately, using the chi-squared test (Tables 2 & 3). All statistical analyses were performed using *Supercooled Stata* 8.2 software (StataCorp, College Station, TX, USA).

Variables showing a significant association ($p \leq 0.05$) with the outcome variables were entered into a logistic regression model. As multiple comparisons were made, spurious associations will occur by chance alone. However, most of the variables selected in this way had *p* values that were far lower than 0.05 and were therefore unlikely to be chance associations. The response to the face-to-face question "*Have you felt sad or low for two weeks or more since your baby was born?*" was used in preference to the other two available items that asked about depression, because this question showed the strongest relationship to the outcome variables. In addition, other variables known to be predictors of infant injury and maternal depression were also introduced into the model to adjust for confounding effects. These variables were: maternal education, maternal age, ethnicity, lone parent status, birth order, country of residence and type of electoral ward. Each of these factors has previously been demonstrated to show a significant univariate association with reported injury in the

MCS dataset (Dezateux et al., 2005). Infant gender was not included in the model because no univariate relationship had been demonstrated with either outcome measure.

Examination of the dataset showed complex non-linear relationships between ethnicity and maternal age (see Appendix 4). In order to develop a relative simple working model showing the risk factors for infant injury, the dataset was restricted to white, English speaking mothers. An additional reason for this approach was that several independent variables were derived from the self-completion section of the questionnaire. Non-completion of this section was much more common in ethnic minority and non-English speaking households. These households were also more likely to use an interpreter, who was often a family member, and this may have influenced the willingness with which the mother would describe depression or other negative emotions, and therefore the validity of these responses. Only natural mothers were included and, in the case of multiple births, only data from the first-born child was used. This restriction of the dataset did not change the group of variables that showed a significant relationship to the outcomes.

Variables were entered in a forward stepwise manner and an adjusted Wald test used to check if entering each variable significantly increased the fit of the model (Katz, 1999), with non-significant variables dropped from the model. Additionally, Spearman correlation matrices were used to check for highly correlated variables. Only one strong correlation was found involving two related measures of self-esteem, one of which was then removed from the model.

All results are presented as odds ratios and have been adjusted for the complex sampling design employed in the MCS, so that the results presented are representative

of a random sample of the UK population. Complete printouts of all statistical analyses are provided in Appendix 4.

Results

Infant injuries

The number and nature of injuries in the full MCS sample (n=18,819 infants) have been published (Dezateux et al., 2005) and are discussed on page 18. In the restricted data set used in the final model (n=15,170 infants), 1,291 infants (8.4%) sustained at least one injury and 82 (0.5%) were admitted to hospital due to injury. These proportions are very similar to those found in the full sample population where 8.0% sustained injuries and 0.5% required hospital admission (Dezateux et al., 2005).

Depression and emotional state

About a quarter of respondents reported a history of depression. A third of all mothers had felt low or sad for two weeks or more since delivery, and 13% reported often feeling depressed and miserable at the time of the interview. Half of all mothers felt tired or worried, and about a quarter were easily upset or irritable. Anxiety related symptoms (such as feeling scared or keyed up, or feeling their heart racing) were reported by 5-9% of mothers. Violent anger was least common, being reported by less than 2% of mothers (Table 1).

Maternal depression and other measures of emotional distress, including irritability, angry outbursts, and anxiety attacks were all strongly associated with an increased reporting of injury (Table 2), but only feeling worried or irritable showed a significant association with hospital admission due to injury (Table 3).

Table 1 Sample characteristics

Variable	n	Yes (%)	No (%)
Mother felt low for two weeks or more since delivery	18755	32.6	67.4
Mother ever diagnosed with depression	18794	24.2	75.8
Often depressed or miserable at present	18158	13.5	86.4
Feel tired most of the time	18158	49.3	51.0
Often worried	18159	45.7	54.3
Often get violently angry	18162	1.9	98.1
Feel scared for no good reason	18163	9.3	90.7
Easily upset or irritated	18146	23.2	76.8
Feel keyed up	18111	5.9	94.1
Everything gets on nerves	18146	5.8	94.2
Heart often races	18157	7.1	92.9
Satisfied with self	18145	84.6	13.1
Feel good about self	18141	73.7	22.8
Able to do things as well as others	18142	92.6	5.5
Feel useless at times	18139	72.3	24.7
"Never get out of life what I want to"	18146	11.3	88.7
No real control over life	18144	10.5	89.5
Life's problems feel too much	18144	5.7	94.2
Satisfied with life so far	18132	95.0	5.0
Annoyed with baby	18133	3.2	96.1
Think about baby a lot	18135	90.2	8.6
Upset if leave baby	18122	87.9	3.3
Patient with baby	18128	91.5	7.4
Feel competent looking after baby	18127	95.6	2.7
Resent baby	18128	2.0	94.9
Has someone to share feelings with	18158	81.8	16.5
Able to talk to other parents	18158	80.1	17.8
Family willing to help	18156	91.3	6.7
Unhappy relationship with partner*	14645	5.0	95.0
Partner ever used force in relationship*	14625	3.5	94.1
Friendly neighbours	17699	97.3	2.7
See friends regularly	18794	72.6	27.4
Managing financially	18761	89.7	10.2
Attend religious meeting regularly**	10715	70.6	29.4

*Only asked to respondents who were married or lived with a partner
**Only asked to those respondents who indicated that they practiced a religion.
Percentages may not equal 100% in each row due to missing values or "don't know" responses.

Table 2 Table to show the association between injury to the baby and parental support, attitudes towards the baby and emotional health. *p* values are derived from χ^2 tests.

Variable	n*	*p* value
Mother felt low for two weeks or more since delivery	18753	0.0000
Mother ever diagnosed with depression	18789	0.0033
Often depressed and miserable at present	18155	0.0002
Feel tired most of the time	18158	0.0009
Often worried	18159	0.0000
Often get violently angry	18162	0.0252
Feel scared for no good reason	18163	0.0003
Easily upset or irritated	18146	0.0001
Feel keyed up	18111	0.0018
Everything gets on nerves	18146	0.0111
Heart often races	18157	0.0007
Satisfied with self	17681	0.0039
Feel good about self	17408	0.0001
Able to do things well	17769	0.9912
Feel useless at times	17548	0.0009
Never get out of life what I want to	15374	0.0004
No real control over life	15881	0.1503
Life's problems feel too much	16473	0.1922
Satisfied with life so far	18132	0.2095
Annoyed with baby	17958	0.7810
Think about baby a lot	17854	0.1175
Upset if leave baby	16535	0.6620
Patient with baby	17879	0.0208
Feel competent looking after baby	17815	0.5295
Resent baby	17448	0.9427
Has someone to share feelings with	17807	0.0796
Other parents to talk to	17708	0.0437
Family willing to help	17732	0.3292
Happy relationship with partner	14645	0.6819
Violent relationship	14260	0.0591
Friendly neighbours	17699	0.0001
See mother regularly	17417	0.0925
See father regularly	15398	0.7539
See friends regularly	18794	0.0228
Managing financially	18761	0.0316
Attend religious meetings	10715	0.3815

*Missing and "don't know" responses were excluded from the analysis.

Table 3 Table to show the relationship between injury resulting in hospital admission and parental support, attitudes towards the baby and emotional health. *p* values are derived from χ^2 tests.

Variable	n*	*p* value
Mother felt low for two weeks or more since delivery	18755	0.0175
Mother ever diagnosed with depression	18784	0.2869
Often depressed or miserable at present	18155	0.1746
Feel tired most of the time	18158	0.4944
Often worried	18159	0.0030
Often get violently angry	18162	0.2516
Feel scared for no good reason	18163	0.4478
Easily upset or irritated	18146	0.0007
Feel keyed up	18111	0.1985
Everything gets on nerves	18146	0.1572
Heart often races	18157	0.2042
Satisfied with self	17681	0.0244
Feel good about self	17408	0.0000
Able to do things well	17769	0.1411
Feel useless	17548	0.0093
Get out of life what I want to	15374	0.0592
No control over life	15881	0.0098
Life's problems feel too much	16473	0.1114
Satisfied with life so far	18132	0.2821
Annoyed with baby	17958	0.5659
Think about baby a lot	17854	0.8364
Upset if leave baby	16535	0.7474
Patient with baby	17879	0.7902
Feel competent looking after baby	17815	0.3285
Resent baby	17448	0.7534
Has someone to share feelings with	17807	0.1202
Other parents to talk to	17708	0.0073
Family willing to help	17732	0.0445
Happy relationship with partner	14645	0.3337
Violent relationship	14260	0.2851
Friendly neighbours	17699	0.1274
See mother regularly	17417	0.3957
See father regularly	15398	0.9757
See friends regularly	18794	0.8081
Managing financially	18761	0.1554
Attend religious meetings	10715	0.1207

*Missing and "don't know" responses were excluded from the analysis.

Parental self-satisfaction

The majority of mothers (85-90%) felt satisfied with themselves and with their lives so far and perceived their lives as being under their own control. Most mothers felt as capable as anyone else, but three-quarters said that they felt useless at times. Despite these generally positive findings, almost a quarter of mothers reported low self-esteem (Table 1). Generally, mothers who felt positively about themselves were less likely to report injuries (Table 2) and less likely to have a baby who had been admitted to hospital with an injury (Table 3).

Attitudes towards baby

The vast majority of mothers reported positive feelings towards their infants. However, 2-7% reported some negative feelings, most commonly impatience (Table 1). Mothers' attitudes to their babies did not show a significant association with the likelihood of reporting a injury or hospital admission (Tables 2 and 3), with the exception that mothers who often felt impatient with their baby were significantly more likely to report an injury to this infant.

Family and social support

The majority of mothers reported happy relationships, supportive families and adequate incomes. However, 16% reported no-one with whom they could share feelings with, 5% reported an unhappy relationship with their partner and 3% reported domestic violence, with a high number of non-responders to the last two questions. A tenth of mothers described themselves as under financial stress (Table 1). Regular contact with extended family, a happy relationship with a partner and church attendance were not significantly associated with injury (Tables 2 and 3). However, fewer injuries were reported by mothers who saw friends regularly, who were able to talk to other parents

and who felt that they lived in friendly neighbourhoods. More injuries, but not more hospital admissions, were reported in families who were struggling to manage financially (Tables 2 and 3).

Development of the regression model

The characteristics of the subset of mothers used to develop the regression model are listed in Table 4. Mothers who reported symptoms of postnatal depression and those with low self-esteem were more likely to report injuries to their infants. Reporting of injuries increased with younger maternal ages and with higher educational qualifications. Furthermore, mothers of first born children were more likely to report injuries than those of later born children. However, injuries were less commonly reported in Northern Ireland, compared to other areas of the United Kingdom, yet were more commonly reported by mothers living in deprived electoral wards. Significantly, mothers under financial stress and those who perceived their neighbours as unfriendly were both more likely to report injuries to their babies (Table 5). The risk of admission to hospital due to injury was increased for infants with teenage mothers and for those whose mothers reported low self-esteem (Table 6).

Table 4 Characteristics of 15170 white, English speaking mothers

Variable	Percentage	Missing
Country of residence		
England	55.3	0
Wales	17.4	0
Scotland	14.7	0
Northern Ireland	13.0	0
Type of ward		
Advantaged	64.7	0
Disadvantaged	34.3	0
Ethnic	0.9	0
Emotional health		
Mother felt low and sad since delivery	32.5	6
Do not feel good about self	23.4	732*
Maternal education		34*
Degree or above	17.9	
A levels/diploma	19.9	
O levels / GCSE	48.6	
-None	12.9	
Maternal age		2
14-19 years	7.7	
20-29 years	42.9	
30-39 years	47.2	
40+ years	2.2	
Family/social		
First child in family	43.7	5
Not able to talk to other parents	17.8	523*
Unfriendly neighbours	2.6	537*
Financial difficulties	9.2	24*

*missing values include those answering "don't know".

Table 5
Odds ratios for reporting an injury requiring medical attention.

Variable	Adjusted odds ratio (95% confidence intervals)
Feeling low/sad	1.17 (1.03 -1.32)
Living in England	1.0
-Living in Wales	1.01(0.86-1.18)
-Living in Scotland	0.83 (0.68 – 1.02)
-Living in Northern Ireland	0.70 (0.57 – 0.85)
Mother's education - degree	1.0
- A level/diploma	0.96 (0.79-1.15)
- O level	0.81 (0.68-0.97)
- None	0.59 (0.47-0.75)
Maternal age – 40+	1.0
- 30-39	1.45 (0.85-2.48)
- 20-29	1.83 (1.09 – 3.10)
- 14-19	2.56 (1.44- 4.55)
First child in family	1.23 (1.08- 1.39)
Unfriendly neighbours	1.66 (1.26- 2.18)
Financial difficulties	1.24 (1.04 – 1.48)
Low self esteem	1.18 (1.02- 1.36)
Advantaged ward	1.0
**Disadvantaged ward	1.17 (1.01-1.34)
**Ethnic ward	1.25 (0.93 – 1.68)

Odds ratios are adjusted for all other variables within the model.
*compared to residence in England
** compared to advantaged ward

Table 6
Odds ratios for reporting an injury requiring hospital admission.

Variable	Adjusted odds ratio (95% confidence intervals)
Teenage mother	2.23 (1.13- 4.40)
Low self esteem	3.32 (1.80 – 6.12)

Odds ratios are adjusted for all other variables within the model.

Discussion

This study represents a population-based investigation of the potential relationship between maternal depression and infant injury. By using multivariate methods it has been possible to examine the effects of several important confounding socioeconomic variables. This analysis revealed that mothers who report depression or low self-esteem are more likely to report injury in their infants and that maternal low self-esteem is a risk factor for admission of the child to hospital with an injury. Socioeconomic variables such as maternal age, education and financial security were important determinants of injury risk. This risk was also influenced by neighbourhood factors, including the novel finding that mothers who perceive their neighbours as unfriendly are more likely to report injury to their infants. The data obtained from this study may be important in designing strategies to prevent infant injury especially in the most disadvantaged families in which a disproportionate number of injuries occur.

Sample population characteristics

a) Prevalence of infant injuries

The present study found that injuries were reported in 8% of infants and hospital admission due to injury occurred in 0.5% of all children. These figures are comparable to those reported for infants in large population based studies in North America (Agran et al., 2001; Pickett et al., 2003). Pickett et al., (2003) studied injuries presenting to an emergency room setting, which is a similar definition of injury to that used in our study, and cases were identified from a systematic national injury surveillance system with a high degree of coverage. Agran et al., (2001) used routine hospital discharge data and death notifications to calculate injury rates by year of age. Although there may be some variation in underlying injury rates and use of health care facilities between the United Kingdom and North America, these countries are in many ways comparable, suggesting

that a significant underreporting of injuries has not occurred in our study. A recent British population study used a postal questionnaire to ask parents to recall any injury sustained by their child (Warrington et al., 2001). This study found that falls were by far the commonest injury sustained by infants before the age of 6 months, affecting 22% of the enrolled infants, of which only 6% attended hospital, and 0.7% were admitted (Warrington et al., 2001). As expected, by asking parents to recall only those injuries that resulted in seeking health care, the prevalence of reported injury in our study is be much lower, but the prevalence of serious injury and hospital admission is very similar to those reported previously (Warrington et al., 2001).

b) Prevalence of maternal depression

In our study, the prevalence of mothers who reported feeling sad or low for two weeks or more since their baby's birth was 32%, with 25% of mothers in our sample had been told by a health professional that they had depression or serious anxiety. This figure is substantially higher than the prevalence of 10-15% reported previously in the United Kingdom (Cooper and Murray, 1998; Murray et al., 2003a). A recent English birth cohort study which used the Edinburgh Postnatal Depression Scale (Cox et al., 1987) to identify postnatal depression in a sample of over 9,000 mothers also found a prevalence of around 13% (Heron et al., 2004). The higher prevalence in our study may be partially explained by the different time periods examined in each study. Most studies have obtained prevalence rates at one specified time-point, whereas in our study, the data relate to a nine-month time period. Because postnatal depression typically lasts between two and six months (Murray et al., 2003a), studies which look at only one time point will miss some cases and hence report lower prevalence rates. A question in our study which asked about current symptoms of depression gave a prevalence of 13%, which is in line with previous studies (Cox et al., 1987; Cooper and Murray, 1998;

Murray et al., 2003a; Cooper and Murray, 1998; Murray et al., 2003a). Those studies which use self-report questions to identify women with depression tend to report higher prevalence rates than those which use clinical interviews and strict diagnostic criteria. However, women who answer positively to the screening questions, but do not have strictly defined depression may still have more general psychological distress (Lovejoy et al., 2000). As with all self-report measures, there is also a likelihood of under-reporting if women deny, or fail to recognize, this painful aspect of motherhood, or indeed are too ashamed or embarrassed to report it.

The impact of maternal depression

a) Reported infant injuries

Mothers who reported postnatal depression were more likely (OR 1.16 (1.04-1.31)) to report injuries to their babies, but were not more likely to report hospital admission with injury. This increased reporting of injury may reflect a true increase in the rate of injury, or alternatively may simply reflect differences in how well mothers recall injuries to their children. As part of the data collection procedure, women were asked to recall injuries for which they sought advice from a health professional. However, because most of these injuries were minor (Dezateux et al., 2005), differences in reporting are also likely to reflect these mothers' attitudes towards childhood injury, their degree of confidence in managing injuries at home and the ease with which they can access medical services. Indeed, any of these possibilities alone or in combination could explain the findings of this study. A previous population based study of over 3,000 new mothers in the United States, found that the women who most frequently brought their baby to hospital in the first two months of life, usually for minor concerns, were most likely to have postnatal depression (Mandl et al., 1999) and maternal

depression increased the number of A&E visits by asthmatic children (Bartlett et al., 2001).

The majority of injuries to infants occur as a result of tripping over and falling from stairs or furniture (Warrington et al., 2001; Agran et al., 2003; Pickett et al., 2003) and directly reflects the child's relative developmental stage. Such injuries would be prevented by parents being sensitive to their child's rapidly changing abilities and the risks that these pose, so that they can anticipate hazards and take appropriate safeguarding actions. However, mothers with depression have been shown to be less responsive to their children's behaviour (Cox et al., 1987; Lovejoy, 1991; Bettes, 1988) and therefore may be less able to anticipate such hazards. Moreover, other studies have shown that depressed mothers are less likely to use safety equipment effectively (Chung et al., 2004, McLennon and Kotelchuck, 2000).

b) Intentional infant injuries

Maternal depression is known to have a strong association with child abuse (Glaser and Prior, 2002), and abuse resulting in physical injuries (Chaffin and Kelleher, 1996). In our study we cannot differentiate between non-intentional injuries and injuries due to child abuse, but it is likely only a very small proportion of the injuries were due to abuse. Abused infants presenting to hospital are more likely to have severe injuries than those injured non-intentionally (Rivara et al., 1988, DiScala et al., 2000), and head injuries resulting in hospital admission are more severe in abused children than in those children deemed to have sustained non-intentional head injuries (Reece and Sege, 2000). Such data must be interpreted with caution because the diagnosis of abuse is more likely to be considered when severe injuries are present and equivocal injuries are often "given the benefit of the doubt". However, significant injuries occurred

uncommonly in the MCS dataset, with fractures occurring in only 2% of injured children and loss of consciousness in just 0.7% (Dezateux et al., 2005). Indeed, the majority of injuries seen were minor head injuries and soft tissue injuries, which are extremely common in mobile infants (Carpenter, 1999). It is important to note that the data for the present study was gathered from maternal reports alone, and as such, there is likely to be substantial under-reporting of any deliberately inflicted injury. If indeed maternal depression does cause more deliberately inflicted injuries, then the estimate of the risk of injury to the children of depressed mothers reported in our study is likely be an underestimate.

c) Hospital admissions

If maternal depression truly increases the number of infant injuries that occur, then it would be expected that maternal depression would also show a relationship with injuries that require hospital admission. Such injuries requiring admission are likely to be recalled more accurately and completely by parents and, as they are generally more severe, the decision to seek health care is less likely to be influenced by parental attitudes or by ease of access to health care.

The apparent lack of relationship between hospital admission and maternal depression in our study suggests that some of these factors are important in mediating the relationship between reporting injuries and maternal depression. However, it should be noted that very few infants in our study required hospital admission, and this greatly decreases the power of the model to identify significant variables. A similar relationship may exist between maternal depression and injuries requiring admission to hospital, but the MCS and by inference the present study, lack the power to identify it. Both of the models developed in this study reveal that the effect of maternal depression was reduced

when a measure of self-esteem was introduced. This is unsurprising, since depression frequently manifests itself in low self-esteem (Murray et al., 2003a) and low self-esteem is a risk factor for developing depression (Evans et al., 2005). Interestingly, low self-esteem, which was only modestly correlated with depression in our study (r = 0.26), was a significant risk factor for reporting any injury for which parents sought health care (OR1.18 (1.02-1.36)), and also for injury requiring hospital admission (OR 3.32 (1.80-6.12)).

d) Limitations

An important limitation of the question used to assess maternal depression in the present study is that it provides no information about the duration or severity of the depressive episode, or the temporal relationship between the episode and the injury. Indeed, further work will be needed to elicit whether longer or more severe depressive episodes carry more risk of injury. The age of the infant when the mother develops depression may also be important because the underlying risk of injury increases throughout infancy as the child becomes more mobile (Agran et al., 2003; Pickett et al., 2003). Additionally, because information about both depression and infant injury was collected retrospectively at a single time point, the direction of the relationship between these two factors cannot be determined with certainty. It is possible that mothers of children who sustain more injuries feel less competent as parents and this may negatively affect their mental well-being and self-esteem.

The association between maternal depression and infant injury may also be due to confounding effects that have not been taken into account in our regression model, such as infant temperament and behaviour. Infants of depressed mothers are more likely to be irritable, spend more time crying and are less regular in their routines (Field,

1998), and these behaviours may in themselves increase the risk of infant injury, or by their stressful nature, lower the threshold at which mothers seek advice from health professionals. Injury in infancy has also been linked to maternal alcohol use (Bijur et al., 1992; Swigonski et al., 1995) and previous work using the MCS dataset has identified an association between reported alcohol consumption in pregnancy, though not alcohol use after birth, and hospital admission of infants with injury (Dezateux et al., 2005). Mothers with depression and anxiety may be more likely to use alcohol and illegal drugs and this may be another potential source of confounding factors.

The influence of maternal age

In accordance with many previous studies (Brenner et al., 1999; Scholer et al., 1999; Jain et al., 2001; Ekeus et al., 2004), our results show a steadily increasing risk of infant injury with decreasing maternal age. Teenage mothers were about twice as likely to report an injury (OR 2.56 (1.43-4.55)) or a hospital admission for injury (OR 2.23 (1.13-4.40)) compared to older mothers. Several studies have shown that the children of teenage mothers are more likely to be hospitalised with an injury (Kendrick and Marsh, 2001; Ekeus et al., 2004) or to die of an injury (Emerick et al., 1985; Jain et al., 2001), and as such, our findings are likely to reflect a true increase in injuries to these children. Teenage parents have been shown to have less awareness of hazardous situations, to be less likely to intervene to protect their children in potentially dangerous circumstances (McClure-Martinez and Cohn, 1996) and to believe that injuries are "inevitable" (Bennett Murphy, 2001). However, it is possible that teenage mothers may also seek medical help more readily than older mothers for minor injuries to their children. Furthermore, health professionals may also have a lower threshold for hospital admission when infants have very young mothers.

The influence of maternal education

One of the surprising findings in this study was that reporting of an injury showed an inverse relationship with maternal education achievement. Women with no qualifications were almost half as likely to report an injury as those with a degree (OR 0.59 (0.47-0.75)). This is in contrast to most published studies which show low maternal educational achievement to be a risk factor for children sustaining injury (Ramsay et al., 2003), and for child death due to injury (Emerick et al., 1985; Bobak et al., 2000; Blakeley et al., 2003). Studies which use maternal reporting of mainly minor injuries tend to show an increased risk of injury (Swigonski et al., 1995; O'Connor et al., 2000) with high levels of maternal education. These authors proposed that children of highly educated mothers may have better access to leisure activities which pose higher injury risks, or may be exposed to less restrictive parenting styles, with a resulting increase in exposure to minor hazards. In contrast our study did not find an association between maternal education and hospital admission for injury, when adjusted for other variables. As such, it is possible that in our study more educated mothers recalled minor injuries more readily, or alternatively, that these mothers were more likely to seek medical care for minor injuries.

The effect of lone parenthood

Several previous studies have found that lone parenthood is a risk factor for childhood injury (Larson and Pless, 1988; Kohen et al., 2000; O'Connor et al., 2000) and deaths due to injury (Emerick et al., 1985; Siegel et al., 1996; Jain et al., 2001; Hjern and Bremberg, 2002; Weitoft et al., 2003), although this association is found inconsistently in studies which control for socioeconomic variables (Blakeley et al., 2003). It is plausible that lone parent status may increase injuries simply because less parental supervision is available. However in most societies, lone parents are poorer

than those in two parent households, with a higher proportion of young mothers and less educated mothers also being lone parents, compared to older and better educated women. As such, these factors will necessarily introduce important confounding effects upon the relationship between maternal depression and infant injury. Data has already been reported from the MCS dataset showing that lone parents were more likely to report infant injury than those in two-parent households (Dezateux et al., 2005). However, in this study, the effect of lone parenthood became non-significant when maternal age and maternal education were entered into the model.

The influence of birth order

Similar issues may also apply to the novel finding in this study, that first-born children have more reported injuries (OR 1.23 (1.08-1.40), which is in contrast to previous studies that indicate later-born children are at greatest risk of hospital admission or death due to injury (Siegel et al., 1996; Scholer et al., 1997; Brenner et al., 1999; Bobak et al., 2000; Nathens et al., 2000; Jain et al., 2001). It is likely that mothers of first-born children recall minor injuries more easily than parents with larger families, and that these relatively inexperienced parents are more likely to seek medical advice for minor injuries.

The impact of financial stress

Children growing up in poor households in the United Kingdom and in other countries have consistently been shown to be at increased risk of injury (Swigonski et al., 1995; Walsh et al., 2005) and death from injury (Blakeley et al., 2003; Walsh et al., 2005). In the present study, we did not use a direct measure of income, but used instead the response to a question which asked mothers how they subjectively felt they were managing from a financial point of view (see Appendix 2). In developed countries, it is

increasingly argued that the poor health outcomes of low income families are partially mediated by the social perceptions of people in relative poverty, and the stress that this induces in them. Indeed these factors may be more important than a simple lack of material resources in poorer homes (Cullen and Whiteford, 2001). Our study reveals that mothers who felt under financial stress reported more injuries in their children, even when adjusted for confounders (OR 1.24 (1.04-1.48)). However, there was no significant association between financial stress and hospital admission with injury, suggesting that financial stress affects the reporting of injuries and use of health resources rather than directly increasing the rate of injury.

Neighbourhood influences

One of the strongest adjusted associations in our study was between reporting of injury and the mothers' perceptions of their neighbourhood. Mothers who perceived their neighbours as unfriendly were more likely to report injury to their babies (OR 1.65 (1.26-2.18)). However, no association was demonstrated between unfriendly neighbours and hospital admission with injury, suggesting that this association is mediated by health behaviours or recall of injuries, or by some mechanism which results in an increase in minor injuries alone. It is also possible that an association between these factors does exist, but cannot be detected because of the small number of hospital admissions in the sample.

Mothers who lived in disadvantaged wards were also more likely to report injury (OR 1.16 (1.10-1.34)) and there was notable variation between the individual countries within the United Kingdom, with mothers in Northern Ireland significantly less likely to report injuries when adjusted for other factors (OR 0.7 (0.57-0.85)). People in disadvantaged or unfriendly neighbourhoods may have more difficulty accessing health

care, or may be less inclined to seek help for minor injuries and this may, in part, explain the results in the present study. Childhood injuries have been associated with area deprivation (Jolly et al., 1993; Laing and Logan, 1999; Faelker et al., 2000; Kendrick and Marsh, 2001; Pomerantz et al., 2001) and this has been shown to have an independent effect, over and above the effect of individual household deprivation (Blakeley et al., 2003; Shenassa et al., 2004). There is also increasing evidence that health outcomes and health determining behaviours are influenced at the level of neighbourhood and social relations (Whitehead and Diderichsen, 2001). Perceptions of trust or hostility within communities are very strongly associated with certain health outcomes (e.g. coronary heart disease, suicide, death rates) at an ecological level (reviewed by Marmot, 1998). Although there are considerable efforts underway in this emerging area of epidemiology, at present almost none of this exciting research has focused upon child health outcomes.

Towards effective injury prevention

Injury prevention strategies have always been targeted at toddlers and older children. This is because these groups account for a very great number of injuries each year (HASS, 2003), and older children are more likely to sustain serious or fatal injuries, often in the context of road traffic accidents (Towner et al., 2005). Indeed, from the age of 2-17 years, injury is by far the leading cause of death in childhood in developed countries, and injury prevention in this age-group is rightly seen as a public health priority. Although approaches have been developed to address deliberate injury in infants (Johnson et al., 1993; Olds et al, 1995), there has been less focus on preventing non-intentional injury in infancy. However the mechanisms of injury in this age group are often different to those in older children (Agran et al., 2001), with a much higher proportion of falls occurring in this younger age group, similar rates of poisoning

and burns and relatively few road traffic injuries (Agran et al., 2001; Rivara et al., 1988). As such, successful injury prevention strategies will need to take these differences into account.

a) Improving home safety

Injury prevention strategies usually involve a combination of education, environmental modification, and legal enforcement (Child Accident Prevention Trust, 2002). In the context of infant injury, this means parental education, utilising household safety equipment and removing environmental hazards, and legislative approaches (e.g. legal safety standards for baby equipment and toys, child-proof packaging for medicines). Infant injury usually occurs within the home (Carter and Jones, 1993), and is highly mediated by parental actions. Parents make complex decisions about what sort of safety strategies to use and how much supervision they feel is necessary to keep their children safe (Morrongiello et al., 2004). Adopting changes in parental behaviour also requires motivation, and this will depend on the perceived severity of injury, the effort or expense needed to undertake prevention and social norms (Morrongiello and Kiriakou, 2004). Interventions to educate parents (Bass et al, 1993; Clamp and Kendrick, 1998; Roberts and Power, 1996), or to increase use of safety equipment (King et al., 2001), each show small improvements to infant injury rates, but are difficult to sustain over time.

b) Interventions for postnatal depression

Effective interventions for maternal depression have been developed, including drug treatment (Appleby et al., 1997) and psychological approaches (Holden et al., 1989). Health visitor delivered interventions have been evaluated as a means to improve both maternal symptoms and mother-child interactions (Seeley et al., 1996). Poor

mother-infant interactions can be addressed by developing sensitive parenting skills or by counselling approaches to improve maternal mood and reduce the anxiety and hostility which can interfere with the mother's responses to the child (Murray et al., 2003b). These approaches have been shown to improve infants' unsettled behaviour and to promote sensitive mother-child interactions (Murray et al., 2003b). Baby massage therapy and music therapy have also been shown to improve infant irritability and maternal mood (Field, 1998).

Depression can be easily screened for, using straightforward screening questionnaires such as the Edinburgh Postnatal Depression Scale (Cox et al., 1987), which has been shown to have high sensitivity and specificity in a British community sample (Murray and Carothers, 1990). There is also a role for those who deliver child health services to be alert to maternal depression. Mothers recognise the link between their own emotional state and that of their children, and are generally willing to discuss their mental heath with paediatricians who are perceived as caring and non-judgemental (Heneghan et al., 2004). Other approaches have targeted high-risk "vulnerable" families. A programme of home visiting by child health nurses improved maternal-infant interaction and decreased parent reported injuries, although it did not result in sustained improvement in maternal mood (Armstrong et al., 2000).

c) The wider context

Finally, it should be remembered that many of the relationships in this study reflect socioeconomic factors. The leading epidemiologist Geoffrey Rose stated that "*the primary determinants of disease are economic and social, and therefore its remedies must also be economic and social*" (Rose, 1992). It is beyond the scope of the present study to address how economic and social changes may influence health

inequalities which include rates of child injury and of maternal depression. However, where such relationships exist, health researchers and health care providers have a valuable advocacy role to play to ensure that these factors are considered by those who determine economic and social policy (Blair et al., 2003).

Conclusions

Maternal depression and low self-esteem are risk factors for mothers reporting injury to their babies to health care professionals. In addition, low maternal self-esteem is also associated with hospital admission of babies due to injury, even after adjustment for socioeconomic confounders.

Further research is needed to examine whether the pattern of injury type and severity varies between the infants of depressed and non-depressed mothers, and whether infant characteristics, such as the child's temperament and gender, are also associated with risk of injury in the context of maternal depression.

There is a growing recognition of the need to provide intervention for postnatal depression because of the many adverse developmental and behavioural consequences for the children of depressed mothers. When evaluating such interventions, researchers should include measures of infant injuries as an important health outcome measure.

Acknowledgements

I would like to thank Dr Helen Bedford and Dr Rosemary Tate for supervising this project and for their helpful comments on the manuscript. Dr Tate also provided much valued statistical expertise. My thanks are also due to Dr Suzanne Walton who taught me how to master the statistical software and negotiate the MCS dataset without getting lost, and to Dr Jonathan Cooper for invaluable advice on writing up this project and for his assistance with its formatting and presentation.

My family have, as always, been an unfailing source of support. My thanks to Isaac and Sam for their patience and above all to Jon, for all his wise advice, support in all things and childcare well beyond the call of duty!

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Appendix 1

Definition of variables used in final regression model

glowsad Mother's report of feeling low or sad for two weeks or more since child's birth.

0 Not felt low or sad

1 Has felt low or sad

jqualacgr Academic qualifications

1 = Degree or higher qualification

2 = A- levels, diploma, or equivalent

3 = O-levels, GCSEs or equivalent

4 = None

5 = Other

teenmum Teenage mother

0 = Mother aged 20 years or older at birth of study child

1 = Mother aged 14-19 years at birth of study child

magebtg Maternal age at birth of cohort child

4 = 40 or more years old

5 = 30-39 years old

6 = 20-29 years old

7 = 14-19 years old

newfst First child in family

0 = Not first born

1 = First born

freneiyn Mother's perception of neighbours

1 = Neighbours perceived as friendly

2 = Neighbours perceived as unfriendly

finyn Mother's perception of financial security

1 = "managing OK" or better

2 = "difficult" or "very difficult" to manage

igoodyn mother reports feeling good about self

1 = Feels good about self

2 = Does not feel good about self

hpartlkyn mother reports ability to talk to other parents

1 = Able to talk to other parents

2 = Not able to talk to other parents

Appendix 2

Original questions used in the MCS interview

DAccAny

"*Most babies have accidents at sometime. Has (Jack) ever had an accident or injury for which (he) has been taken to the doctor, heath centre or hospital?*"

Answer: Yes or No

DAccC

"*Did (Jack) go to hospital?*"

IF YES: "*Was this just to casualty or was (he) admitted to a hospital ward?*"

1. No, did not go to hospital.
2. Yes, went to casualty/Accident and Emergency.
3. Yes, was admitted to a hospital ward.

Glowsad

"*Since (Jack) was born, has there ever been a time lasting two weeks or more when you felt low or sad?*"

Answer: Yes or No

Gdepres

"*Has a doctor ever told you that you suffer from depression or serious anxiety?*"

Answer: Yes or No

Hdepres

"*Do you often feel miserable or depressed?*"

Answer: Yes or No

Hannoy /annoyn

"*When I am caring for Jack I get feeling of annoyance or irritation...*"

1. Almost all the time.
2. Very frequently.
3. Frequently.
4. Occasionally.
5. Very rarely.
6. Never.

To create ***annoyn***, answers 1-3 were coded "0" and answers 4-6 were coded "1"

Hthinkb/ tnkbyn

"*When I am not with (Jack) I think about (him)...*"

1. Almost all the time.
2. Very frequently.
3. Frequently.
4. Occasionally.
5. Very rarely.
6. Never.

To create ***thkbyn***, answers 1-3 were coded "1" and answers 4-6 were coded "0"

Hleaveb

"*When I have to leave (Jack) ...*"

1. I always feel rather sad
2. I often feel rather sad
3. I have mixed feelings of both sadness and relief
4. I often feel rather relieved
5. I always feel rather relieved
6. Can't say

To create ***lvbyn***, answers 1-3 were coded "1" and answers 4-5 were coded "0". Answer 6 was coded as missing.

Hcompet/compyn

"*When I am caring for (Jack) I feel...*"

1. Very incompetent and lacking in confidence
2. Fairly incompetent and lacking in confidence
3. Fairly competent and confident
4. Very competent and confident
5. Can't say

To create ***compyn***, answers 1-2 were coded "0" and answers 3-4 were coded "1". Answer 5 was coded as missing.

Hpatien

"*Usually when I am with (Jack), I feel..*"

1. I am very impatient

2. I am a bit impatient
3. I am fairly patient
4. I am extremely patient
5. Can't say

To create ***patyn***, answers 1-2 were coded "0" and answers 3-4 were coded "1". Answer 5 was coded as missing.

Hgiveup

"*Regarding the things (we) have had to give up because of (Jack)....*"

1. I find I resent it quite a lot
2. I find I resent it a fair amount
3. I find I resent it a bit
4. I don't resent it at all
5. Can't say

To create ***compyn***, answers 1-2 were coded "0" and answers 3-4 were coded "1". Answer 5 was coded as missing.

Htired

"*Do you feel tired most of the time?*" 1. Yes 2.No

Hworry

"*Do you often get worried about things?*" 1. Yes 2.No

Hrage

"*Do you often get into a violent rage?*" 1. Yes 2.No

Hscared

"*Do you often become suddenly scared for no reason?*" 1. Yes 2.No

Hupset

"*Are you easily upset and irritated?*" 1. Yes 2.No

Hkeydup

"*Are you constantly keyed up and jittery?*" 1. Yes 2.No

Hnerves

"*Does every little thing get on your nerves and wear you out?*" 1. Yes 2.No

HHrtrace

"*Does your heart race like mad?*" 1. Yes 2.No

Hnoshar

"*I have no one to share my feelings with.*"

1. Strongly agree
2. Agree
3. Neither agree nor disagree
4. Disagree
5. Strongly disagree
6. Can't say

To create ***nosharyn***, answers 1-3 were coded "0" and answers 4-5 were coded "1". Answer 6 was coded as missing.

Hpartlk

"*There are other parents I can talk to about my experiences.*"

1. Strongly agree
2. Agree
3. Neither agree nor disagree
4. Disagree
5. Strongly disagree
6. Can't say

To create ***hpartlkyn***, answers 1-2 were coded "0" and answers 3-5 were coded "1". Answer 6 was coded as missing. In the final model, "0" was recoded as "2".

Hfamhlp

"*If I had financial problems I know my family would help if they could.*"

1. Strongly agree
2. Agree
3. Neither agree nor disagree
4. Disagree
5. Strongly disagree
6. Can't say

To create ***famhpyn***, answers 1-2 were coded "1" and answers 3-5 were coded "0". Answer 6 was coded as missing.

Hhaprel

"*Here is a scale from 1-7 where '1' means you are very unhappy and '7' means you are very happy. Please enter the number which describes how happy or unhappy you are with your relationship, all things considered.*"

To create ***hapyn***, answers 1-3 were coded "1" and answers 4-7 were coded "0".

Hforce

"*People often use force in a relationship – grabbing, pushing, shaking, hitting, kicking etc. has your (husband) ever used force on you for any reason?*"

1. Yes
2. No
3. Don't want to answer

Hnghfrn

"*Please choose the phrase that you feel applies to most of your neighbours.*"

1. Very friendly
2. Friendly
3. Neither friendly or unfriendly
4. Unfriendly
5. Very unfriendly

To create ***freneiyn***, answers 1-3 were coded "1" and answers 4-5 were coded "0". Answer 6 was coded as missing. In the final model "1" was recoded as "2".

Hselfsat

"*On the whole I am satisfied with myself*"

1. Strongly agree
2. Agree
3. Disagree
4. Strongly disagree
5. Can't say

To create ***selfsatyn***, answers 1-2 were coded "1" and answers 3-4 were coded "0". Answer 5 was coded as missing.

HNoGood

"*At times I think I am no good at all*"

1. Strongly agree
2. Agree
3. Disagree
4. Strongly disagree
5. Can't say

To create ***igoodyn***, answers 1-2 were coded "1" and answers 3-4 were coded "0". Answer 5 was coded as missing.

HDoWell

"*I am able to do things as well as most other people*"

1. Strongly agree
2. Agree
3. Disagree
4. Strongly disagree
5. Can't say

To create ***dowellyn***, answers 1-2 were coded "1" and answers 3-4 were coded "0". Answer 5 was coded as missing.

HUseless

"*I certainly feel useless a times*"

1. Strongly agree
2. Agree
3. Disagree
4. Strongly disagree
5. Can't say

To create ***uselsyn***, answers 1-2 were coded "1" and answers 3-4 were coded "0". Answer 5 was coded as missing.

HEffic1

"*Please enter the number next to the statement which is most true for you*"

1. I never really seem to get what I want out of life
2. I usually get what I want out of life
3. Can't say

HEffic2

"*Please enter the number next to the statement which is most true for you*"

1. I usually have a free choice and control over my life
2. Whatever I do has no real effect on what happens to me
3. Can't say

HEffic3

"*Please enter the number next to the statement which is most true for you*"

1. Usually I can run my life more or less as I want to
2. I usually find life's problems just to much for me
3. Can't say

JFinMng

"*How well would you say you (and your husband/partner) are managing financially these days? Would you say you are...*"

1. Living comfortably
2. Doing alright
3. Just about getting by
4. Finding it quite difficult
5. Finding it very difficult

To create ***finyn***, answers 1-3 were coded "0" and answers 4-5 were coded "1".

LChAttn

"*How often, if at all, do you attend services or meetings connected with your religion. Do you attend...*"

1. Once a week or more
2. Less often, but at least once a month
3. Sometimes, but less than once a month
4. Very rarely or never

To create ***churyn***, answers 1-2 were coded "1" and answers 3-4 were coded "0".

Appendix 3

Characteristics of families enrolled in the Millennium Cohort Study

Household structure

84.3% of families had two resident parents. The remainder of families were single parent households, of which about half had significant involvement from the non-resident parent (who was usually the father) (Kiernan, 2004). Lone parenthood was much more common amongst teenage mothers, black mothers and amongst families living in disadvantaged or ethnic wards (Kiernan, 2004). 42.7% of babies entering the study were first born. Family size varied from 1 to 10 children. 36.3% had two children, 14.8% had three children and 6.8% had four or more children. Large family size was more common in disadvantaged and in ethnic wards, and in Northern Ireland (Dex and Hawkes, 2004). 51.2% of mothers and 60.3% of fathers were in their thirties when the cohort child was born, but Bangladeshi and Pakistani mothers tended to be much younger. 10.1% of mothers and 1.5% of fathers were 19 years old or younger. (Dex and Hawkes, 2004).

Ethnicity

Overall, 87.2% of cohort children were white, 4.5% mixed, 2.9% Pakistani, 2.5% black, 1.8% Indian and 0.9% Bangladeshi. 2.3% households spoke only a non-English language. Within these households lived 34% of Bangladeshi mothers, 25% Pakistani mothers, 8.1% Black mothers and 11.9% of Indian mothers (Collinshaw and Maughan, 2004).

Parental employment and income

About half of mothers and 90% of fathers were in employment at the time of the 9 month interview. Six percent of two parent households had no wage earner; they comprised 16.4% of such families in ethnic wards, 11.5% in disadvantaged wards and 3.2% in advantaged wards (Dex et al., 2004). 16.6% of household were classified as having very low income (less than £10,400 for couples or less than £7,000 for lone parents). About one sixth of families received Working Families Tax Credit, and 15% received Income Support (Dex et al., 2004). About 10% families felt they were finding it "difficult" or "very difficult" to manage financially. This proportion was higher in ethnic and disadvantaged wards and varied with ethnicity, with Bangladeshi and black families reporting the most financial difficulty (Dex et al., 2004).

Appendix 4

Complete printouts of *STATA* analyses

```
      log:  E:\Al's MSc project data\July 10th.smcl
  log type:  smcl
 opened on:  11 Jul 2005, 16:11:16

1 . tab glongil
```

main:longstanding illness	Freq.	Percent	Cum.
yes	3,956	21.05	21.05
no	14,835	78.95	100.00
Total	18,791	100.00	

```
2 . tab glongpr
```

main:whether longstanding illness is limiting	Freq.	Percent	Cum.
yes	1,859	47.00	47.00
no	2,096	53.00	100.00
Total	3,955	100.00	

```
3 . tab gbackpa
```

main:health conditions: back pain	Freq.	Percent	Cum.
yes	4,060	21.60	21.60
no	14,736	78.40	100.00
Total	18,796	100.00	

```
4 . tab gfits
```

main:health conditions: fits etc	Freq.	Percent	Cum.
yes	427	2.27	2.27
no	18,364	97.73	100.00
Total	18,791	100.00	

```
5 . tab gcancer
```

main:health conditions: cancer	Freq.	Percent	Cum.
yes	162	0.86	0.86
no	18,629	99.14	100.00
Total	18,791	100.00	

```
6 . tab glowsad
```

main:felt low or sad	Freq.	Percent	Cum.
yes	6,430	34.28	34.28
no	12,325	65.72	100.00
Total	18,755	100.00	

```
7 . tab gdepres
```

main:depression	Freq.	Percent	Cum.
yes	4,617	24.57	24.57
no	14,177	75.43	100.00
Total	18,794	100.00	

```
8 . tab gdtreat
```

main:treatment for depression	Freq.	Percent	Cum.
yes	1,700	36.83	36.83
no	2,916	63.17	100.00
Total	4,616	100.00	

```
9 . syvset [pweight=weight2]
unrecognized command:  syvset
r(199);

10 . svyset [pweight=weight2]
pweight is weight2
strata is pttype2
psu is sprptno
fpc is Nh2

11 . svyprop glongil
```

pweight:	weight2	Number of obs	= 18791
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18646.16

Survey proportions estimation

glongil	Obs	Est. Prop.	Std. Err.
yes	3956	0.213743	0.005077
no	14835	0.786257	0.005077

```
12 . svyprop glongpr
```

pweight:	weight2	Number of obs	= 3955
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 388
FPC:	Nh2	Population size	= 3985.24

Survey proportions estimation

glongpr	Obs	Est. Prop.	Std. Err.
yes	1859	0.434461	0.011463
no	2096	0.565539	0.011463

```
13 . svyprop glowsad

pweight:  weight2                       Number of obs      =     18755
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18614.86

Survey proportions estimation
```

glowsad	Obs	Est. Prop.	Std. Err.
yes	6430	0.326494	0.005978
no	12325	0.673506	0.005978

```
14 . svyprop gdepres

pweight:  weight2                       Number of obs      =     18794
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18650.69

Survey proportions estimation
```

gdepres	Obs	Est. Prop.	Std. Err.
yes	4617	0.241641	0.005514
no	14177	0.758359	0.005514

```
15 . svyprop gdtreat

pweight:  weight2                       Number of obs      =      4616
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =   4506.41

Survey proportions estimation
```

gdtreat	Obs	Est. Prop.	Std. Err.
yes	1700	0.352564	0.009349
no	2916	0.647436	0.009349

```
16 . tab glongil accyn
variable accyn not found
r(111);

17 . gen accyn=daccany
(22 missing values generated)

18 . replace accyn=1 if accyn>=1
(93 real changes made)
```

```
19 . label variable accyn "main: whether had accident or injury"

20 . label define accyn -8 "don't know" -1 "not applicable" 0 "no" 1 "yes"

21 . label values accyn accyn

22 . codebook accyn
```

---

accyn

```
                 type:  numeric (float)
                label:  accyn

                range:  [0,1]                        units:  1
        unique values:  2                          missing .:  0/18819

           tabulation:  Freq.   Numeric  Label
                        17334         0  no
                         1485         1  yes

23 . codebook daccany
```

---

daccany

```
                 type:  numeric (byte)
                label:  daccany, but 5 nonmissing values are not labeled

                range:  [0,5]                        units:  1
        unique values:  5                          missing .:  0/18819
      unique mv codes:  2                          missing .*:  22/18819

           tabulation:  Freq.   Numeric  Label
                        17334         0
                         1392         1
                           60         2
                            9         3
                            2         5
                           20        .a  not applicable
                            2        .b  don't know

24 . replace accyn=1 if accyn>=1 <6
   (0 real changes made)

25 . replace accyn=1 if accyn<6 >=1
   (17334 real changes made)

26 . codebook accyn
```

---

accyn

```
                 type:  numeric (float)
                label:  accyn

                range:  [1,1]                        units:  1
        unique values:  1                          missing .:  0/18819

           tabulation:  Freq.   Numeric  Label
                        18819         1  yes
```

```
27 . delete accyn
unrecognized command:  delete
r(199);

28 . drop accyn

29 . gen accyn=daccany
(22 missing values generated)

30 . replace accyn=1 if accyn>=1 & accyn <7
(71 real changes made)

31 . codebook accyn

-------------------------------------------------------------------------------
accyn
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,1]                        units:  1
           unique values:  2                  missing .:  0/18819
       unique mv codes:  2                    missing .*:  22/18819

            tabulation:  Freq.  Value
                        17334  0
                         1463  1
                           20  .a
                            2  .b

32 . label variable accyn "main: whether had accident or injury"

33 . label define accyn -8 "don't know" -1 "not applicable" 0 "no" 1 "yes"
label accyn already defined
r(110);

34 . label values accyn accyn

35 . codebook accyn

-------------------------------------------------------------------------------
accyn
-------------------------------------------------------------------------------

                  type:  numeric (float)
                 label:  accyn

                 range:  [0,1]                        units:  1
           unique values:  2                  missing .:  0/18819
       unique mv codes:  2                    missing .*:  22/18819

            tabulation:  Freq.   Numeric  Label
                        17334         0  no
                         1463         1  yes
                           20        .a
                            2        .b

36 . tab glongil accyn
```

main:longstanding illness	main: whether had accident or injury no	yes	Total
yes	3,600	355	3,955
no	13,727	1,107	14,834
Total	17,327	1,462	18,789

```
37 . svytab glongil accyn

pweight:  weight2                                 Number of obs      =     18789
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18644.82
```

main:long standing illness	main: whether had accident or injury		
	no	yes	Total
yes	.1942	.0195	.2137
no	.7266	.0597	.7863
Total	.9208	.0792	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 10.3198
  Design-based F(1, 389) = 8.7354 P = 0.0033

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
38 . svytab glongpr accyn

pweight:  weight2                                 Number of obs      =      3954
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       388
FPC:      Nh2                                     Population size    =   3984.15
```

main:whether longstanding illness is limiting	main: whether had accident or injury		
	no	yes	Total
yes	.3898	.0445	.4343
no	.5189	.0468	.5657
Total	.9086	.0914	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 4.5746
  Design-based F(1, 379) = 3.3533 P = 0.0679

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
39 . svytab gbackpa accyn

pweight:  weight2                                 Number of obs      =     18794
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18650.81
```

main:health conditions: back pain	main: whether had accident or injury		
	no	yes	Total
yes	.1914	.0186	.2099
no	.7293	.0607	.7901
Total	.9207	.0793	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 5.6483
Design-based F(1, 389) = 3.8963 P = 0.0491

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

40 . svytab gbackpa daccb

pweight: weight2 Number of obs = 1459
Strata: pttype2 Number of strata = 9
PSU: sprptno Number of PSUs = 351
FPC: Nh2 Population size = 1473.77

main:health conditions: back pain	main:age in months at time of accident (first)											
	0	1	2	3	4	5	6	7	8	9	10	11
yes	.0024	.0151	.0186	.0149	.02	.0196	.0251	.0291	.0481	.0355	.0047	.0011
no	.0174	.0432	.0481	.0604	.0549	.0742	.0968	.1029	.1188	.129	.0168	.0035
Total	.0198	.0583	.0667	.0753	.0749	.0938	.1219	.1319	.1669	.1645	.0214	.0045

main:health conditions: back pain	main:age in months at time of accident (first) Total
yes	.2341
no	.7659
Total	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(11) = 10.8711
Design-based F(10.12, 3462.43) = 0.7798 P = 0.6501

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
41 . svytab gfits accyn

pweight:  weight2                       Number of obs      =     18789
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18645.89
```

main:health conditions: fits etc	main: whether had accident or injury		
	no	yes	Total
yes	.0216	.0021	.0238
no	.8991	.0771	.9762
Total	.9208	.0792	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = **0.6455**
  Design-based F(1, 389) = **0.5153** P = **0.4733**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
42 . vytab gcancer accyn
unrecognized command:  vytab
r(199);

43 . svytab gcancer accyn

pweight:  weight2                       Number of obs      =     18789
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18645.36
```

main:health conditions: cancer	main: whether had accident or injury		
	no	yes	Total
yes	.0083	.0013	.0096
no	.9124	.0779	.9904
Total	.9207	.0793	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = **8.7712**
  Design-based F(1, 389) = **6.6451** P = **0.0103**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
44 . vytab glowsad accyn
unrecognized command:  vytab
r(199);
```

```
45 . svytab glowsad accyn

pweight:  weight2                                 Number of obs      =     18753
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18613.52
```

main:felt low or sad	main: whether had accident or injury no	yes	Total
yes	.2963	.0302	.3264
no	.6243	.0492	.6736
Total	.9206	.0794	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 21.0814
  Design-based F(1, 389) = 17.2933 P = 0.0000

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
46 . svytab gdepres accyn

pweight:  weight2                                 Number of obs      =     18792
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18649.35
```

main:depr ession	main: whether had accident or injury no	yes	Total
yes	.2184	.0232	.2416
no	.7023	.0561	.7584
Total	.9207	.0793	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 22.6769
  Design-based F(1, 389) = 17.7596 P = 0.0000

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
47 . svytab gdtreat accyn

pweight:  weight2                                 Number of obs      =      4614
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =   4505.07
```

main:trea tment for depressio n	main: whether had accident or injury no	yes	Total
yes	.3175	.0349	.3524
no	.5866	.061	.6476
Total	.9041	.0959	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =    0.2880
    Design-based  F(1, 389)       =    0.2097     P = 0.6472

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

48 . svyprop accyn, by (glongil)

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     18789
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18644.82
------------------------------------------------------------------------------

Survey proportions estimation

->  glongil=yes

      accyn      Obs    Est. Prop.   Std. Err.
    ------------------------------------------
         no     3600      0.908639    0.005395
        yes      355      0.091361    0.005395

->  glongil=no

      accyn      Obs    Est. Prop.   Std. Err.
    ------------------------------------------
         no    13727      0.924080    0.002744
        yes     1107      0.075920    0.002744

49 . svyprop accyn glongpr

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =      3954
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       388
FPC:      Nh2                                 Population size    =   3984.15
------------------------------------------------------------------------------

Survey proportions estimation

      accyn   glongpr      Obs    Est. Prop.   Std. Err.
    ------------------------------------------------------
         no      yes     1675      0.389767    0.011228
         no       no     1924      0.518866    0.010991
        yes      yes      183      0.044539    0.003770
        yes       no      172      0.046828    0.004087

50 . svyprop accyn, by (glongpr)

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =      3954
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       388
FPC:      Nh2                                 Population size    =   3984.15
------------------------------------------------------------------------------

Survey proportions estimation

->  glongpr=yes
```

accyn	Obs	Est. Prop.	Std. Err.
no	1675	0.897448	0.008498
yes	183	0.102552	0.008498

-> glongpr=no

accyn	Obs	Est. Prop.	Std. Err.
no	1924	0.917220	0.006932
yes	172	0.082780	0.006932

51 . svyprop accyn, by (gdepres)

pweight:	weight2	Number of obs	= 18792
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18649.35

Survey proportions estimation

-> gdepres=yes

accyn	Obs	Est. Prop.	Std. Err.
no	4177	0.904060	0.004978
yes	438	0.095940	0.004978

-> gdepres=no

accyn	Obs	Est. Prop.	Std. Err.
no	13152	0.925990	0.002944
yes	1025	0.074010	0.002944

52 . svyprop accyn, by (gcancer)

pweight:	weight2	Number of obs	= 18789
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18645.36

Survey proportions estimation

-> gcancer=yes

accyn	Obs	Est. Prop.	Std. Err.
no	141	0.861508	0.029303
yes	21	0.138492	0.029303

-> gcancer=no

accyn	Obs	Est. Prop.	Std. Err.
no	17186	0.921309	0.002698
yes	1441	0.078691	0.002698

```
53 . svyprop accyn , by (glowsad)

pweight:  weight2                       Number of obs      =     18753
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18613.52

Survey proportions estimation

->  glowsad=yes
```

accyn	Obs	Est. Prop.	Std. Err.
no	5845	0.907577	0.004350
yes	583	0.092423	0.004350

```
->  glowsad=no
```

accyn	Obs	Est. Prop.	Std. Err.
no	11446	0.926909	0.003015
yes	879	0.073091	0.003015

```
54 . svyprop accyn , by (gdtreat)

pweight:  weight2                       Number of obs      =      4614
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =   4505.07

Survey proportions estimation

->  gdtreat=yes
```

accyn	Obs	Est. Prop.	Std. Err.
no	1530	0.900898	0.008832
yes	168	0.099102	0.008832

```
->  gdtreat=no
```

accyn	Obs	Est. Prop.	Std. Err.
no	2646	0.905769	0.006021
yes	270	0.094231	0.006021

```
55 . log close
      log:  E:\Al's MSc project data\July 10th.smcl
  log type:  smcl
 closed on:  11 Jul 2005, 17:29:58
```

```
      log:  C:\Documents and Settings\The boss\Desktop\Al's MSc project data\J
> ul 21st support.smcl
  log type:  smcl
 opened on:  21 Jul 2005, 09:39:56

1 . run "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

2 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

3 . gen accyn=daccany
accyn already defined
r(110);

end of do-file
r(110);

4 . codebook accyn

-------------------------------------------------------------------------------
accyn                                          main: whether had accident or injury
-------------------------------------------------------------------------------

                  type:  numeric (float)
                 label:  accyn

                 range:  [0,1]                        units:  1
         unique values:  2                    missing .:  0/18819

            tabulation:  Freq.   Numeric  Label
                        17334         0  No
                         1485         1  Yes

5 . log off
      log:  C:\Documents and Settings\The boss\Desktop\Al's MSc project data\J
> ul 21st support.smcl
  log type:  smcl
 paused on:  21 Jul 2005, 10:02:37
-------------------------------------------------------------------------------

-------------------------------------------------------------------------------
      log:  C:\Documents and Settings\The boss\Desktop\Al's MSc project data\J
> ul 21st support.smcl
  log type:  smcl
resumed on:  21 Jul 2005, 10:03:07

6 . codebook htired

-------------------------------------------------------------------------------
htired                                                  main:tired most of time
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  htired

                 range:  [1,2]                        units:  1
         unique values:  2                    missing .:  0/18819
    unique mv codes:  3                    missing .*:  661/18819

            tabulation:  Freq.   Numeric  Label
                         8953         1  yes
                         9205         2  no
                          645        .a  not applicable
                           14        .b  don't know
                            2        .c  refusal
```

```
7 . svytab htired accyn

pweight:  weight2                                 Number of obs      =     18158
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18244.23
```

main:tired most of time	main: whether had accident or injury No	Yes	Total
yes	.4471	.0432	.4903
no	.4727	.037	.5097
Total	.9197	.0803	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 14.7739
  Design-based F(1, 389) = 11.2366 P = 0.0009

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
8 . codebook hdepres
```

hdepres — **main:often miserable or depressed**

```
                  type:  numeric (byte)
                 label:  hdepres

                 range:  [1,2]                        units:  1
         unique values:  2                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  664/18819

           tabulation:  Freq.   Numeric  Label
                         2750         1  yes
                        15405         2  no
                          645        .a  not applicable
                           16        .b  don't know
                            3        .c  refusal
```

```
9 . svytab hdepres accyn

pweight:  weight2                                 Number of obs      =     18155
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18239.6
```

main:often miserable or depressed	main: whether had accident or injury No	Yes	Total
yes	.1216	.0138	.1353
no	.7981	.0665	.8647
Total	.9197	.0803	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 17.5073
  Design-based F(1, 389) = 13.7606 P = 0.0002

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
10 . codebook hworry accyn

-------------------------------------------------------------------------------
hworry                                          main:often worried about things
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hworry

                 range:  [1,2]                        units:  1
         unique values:  2                    missing .:  0/18819
     unique mv codes:  3                      missing .*:  660/18819

            tabulation:  Freq.   Numeric  Label
                         8642         1  yes
                         9517         2  no
                          645        .a  not applicable
                           13        .b  don't know
                            2        .c  refusal

-------------------------------------------------------------------------------
accyn                                        main: whether had accident or injury
-------------------------------------------------------------------------------

                  type:  numeric (float)
                 label:  accyn

                 range:  [0,1]                        units:  1
         unique values:  2                    missing .:  0/18819

            tabulation:  Freq.   Numeric  Label
                        17334         0  No
                         1485         1  Yes

11 . vytab hworry accyn
unrecognized command:  vytab
r(199);

12 . svytab hwoory accyn
variable hwoory not found
r(111);

13 . svytab hworry accyn

pweight:  weight2                       Number of obs      =     18159
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18238.65

------------------------------------------------------
main:ofte |
n worried |  main: whether had
about     |  accident or injury
things    |     No     Yes  Total
----------+-------------------------------------------
      yes |  .4146    .042  .4566
       no |  .5051   .0383  .5434

    Total |  .9197   .0803       1
------------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =   28.6033
    Design-based  F(1, 389)       =   21.5040     P = 0.0000

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
14 . codebook hrage accyn

-------------------------------------------------------------------------------
hrage                                            main:often gets in violent rage
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hrage

                 range:  [1,2]                        units:  1
         unique values:  2                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  657/18819

            tabulation:  Freq.   Numeric  Label
                           398         1  yes
                         17764         2  no
                           645        .a  not applicable
                             9        .b  don't know
                             3        .c  refusal

-------------------------------------------------------------------------------
accyn                                        main: whether had accident or injury
-------------------------------------------------------------------------------

                  type:  numeric (float)
                 label:  accyn

                 range:  [0,1]                        units:  1
         unique values:  2                        missing .:  0/18819

            tabulation:  Freq.   Numeric  Label
                         17334         0  No
                          1485         1  Yes

15 . svyset (pweight=weight2)
varlist not allowed
r(101);

16 . svytab hrage accyn

pweight:  weight2                                Number of obs      =     18162
Strata:   pttype2                                Number of strata   =         9
PSU:      sprptno                                Number of PSUs     =       398
FPC:      Nh2                                    Population size    =  18243.74

------------------------------------------------
main:ofte |
n gets in |  main: whether had
violent   |  accident or injury
rage      |     No     Yes  Total
----------+-------------------------------------
      yes |  .0168   .0022   .019
       no |  .9029   .0781   .981

    Total |  .9197   .0803     1
------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    6.1597
    Design-based  F(1, 389)       =    5.0500     P = 0.0252

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
17 . cs accyn hrage
```

	main:often gets in violent rage: Exposed	Unexposed	Total
Cases	1440	0	1440
Noncases	16722	0	16722
Total	18162	0	18162
Risk	.0792864	.	.0792864

	Point estimate	[95% Conf.	Interval]
Risk difference	.	.	.
Risk ratio	.	.	.
Attr. frac. ex.	1	.	.
Attr. frac. pop	1		

chi2(1) = . Pr>chi2 = .

```
18 . log off
       log:  C:\Documents and Settings\The boss\Desktop\Al's MSc project data\J
> ul 21st support.smcl
  log type:  smcl
 paused on:  21 Jul 2005, 10:17:50
-------------------------------------------------------------------------------

-------------------------------------------------------------------------------
       log:  C:\Documents and Settings\The boss\Desktop\Al's MSc project data\J
> ul 21st support.smcl
  log type:  smcl
resumed on:  21 Jul 2005, 10:20:05

19 . codebook hscared

-------------------------------------------------------------------------------
hscared                                   main:suddenly scared for no good reason
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hscared

                 range:  [1,2]                        units:  1
           unique values:  2                  missing .:  0/18819
       unique mv codes:  3                  missing .*:  656/18819

            tabulation:  Freq.   Numeric  Label
                         1899         1  yes
                        16264         2  no
                          645        .a  not applicable
                            8        .b  don't know
                            3        .c  refusal

20 . svytab hscared accyn

pweight:  weight2                       Number of obs      =     18163
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18245.49
```

main:suddenly scared for no good reason	main: whether had accident or injury: No	Yes	Total
yes	.0831	.0099	.0931
no	.8366	.0703	.9069
Total	.9198	.0802	1

```
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =   17.8238
    Design-based  F(1, 389)       =   13.4785     P = 0.0003

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

21 . codebook hupset

-------------------------------------------------------------------------------
hupset                                          main:easily upset or irritated
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hupset

                 range:  [1,2]                        units:  1
           unique values:  2                    missing .:  0/18819
       unique mv codes:  3                      missing .*:  673/18819

            tabulation:  Freq.   Numeric  Label
                         4383          1  yes
                        13763          2  no
                          645         .a  not applicable
                           22         .b  don't know
                            6         .c  refusal

22 . svytab hupset accyn

pweight:  weight2                             Number of obs      =     18146
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =   18229.1

------------------------------------------------
main:easi |
ly upset  |  main: whether had
or        |  accident or injury
irritated |     No     Yes  Total
----------+-------------------------------------
      yes |  .2088   .0228   .2316
       no |  .7109   .0575   .7684

    Total |  .9197   .0803        1
------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =   24.4142
    Design-based  F(1, 389)       =   16.4007     P = 0.0001

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

23 . svytab hkeydup accyn

pweight:  weight2                             Number of obs      =     18111
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =   18203.4
```

main:constantly keyed up or jittery	main: whether had accident or injury		
	No	Yes	Total
yes	.0525	.0067	.0592
no	.8674	.0735	.9408
Total	.9199	.0801	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = **16.1121**
Design-based F(1, 389) = **9.8860** P = **0.0018**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
24 . codebook hnerves
```

hnerves **main:every little thing gets on nerves**

type: numeric (**byte**)
label: **hnerves**

range: [1,2] units: **1**
unique values: **2** missing .: **0/18819**
unique mv codes: **3** missing .*: **673/18819**

tabulation:

Freq.	Numeric	Label
1198	1	yes
16948	2	no
645	.a	not applicable
22	.b	don't know
6	.c	refusal

```
25 . svytab hnerves accyn
```

pweight: weight2 Number of obs = **18146**
Strata: pttype2 Number of strata = **9**
PSU: sprptno Number of PSUs = **398**
FPC: Nh2 Population size = **18235.82**

main:every little thing gets on nerves	main: whether had accident or injury		
	No	Yes	Total
yes	.0518	.006	.0578
no	.8679	.0743	.9422
Total	.9197	.0803	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = **8.2718**
Design-based F(1, 389) = **6.5189** P = **0.0111**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
26 . codebook hhrtrac

-------------------------------------------------------------------------------
hhrtrac                                          main:heart often races like mad
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hhrtrac

                 range:  [1,2]                        units:  1
         unique values:  2                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  662/18819

            tabulation:  Freq.   Numeric  Label
                         1518          1  yes
                         16639         2  no
                         645          .a  not applicable
                         12           .b  don't know
                         5            .c  refusal

27 . svytab hhrtrace accyn
variable hhrtrace not found
r(111);

28 . svytab hhrtrac accyn

pweight:  weight2                            Number of obs      =     18157
Strata:   pttype2                            Number of strata   =         9
PSU:      sprptno                            Number of PSUs     =       398
FPC:      Nh2                                Population size    =  18242.37

------------------------------------------------
main:hear |
t often   |  main: whether had
races     |  accident or injury
like mad  |     No     Yes   Total
----------+-------------------------------------
      yes |   .063   .0076   .0707
       no |  .8567   .0726   .9293

    Total |  .9197   .0803        1
------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =   14.4075
    Design-based  F(1, 389)       =   11.6402     P = 0.0007

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

29 . codebook hnoshar

-------------------------------------------------------------------------------
hnoshar                                          main:no-one to share feelings with
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hnoshar

                 range:  [1,6]                        units:  1
         unique values:  6                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  661/18819
```

```
              tabulation:  Freq.   Numeric  Label
                            515         1  strongly agree
                           1109         2  agree
                           1770         3  neither agree nor disagree
                           7236         4  disagree
                           7177         5  strongly disagree
                            351         6  can t say
                            645        .a  not applicable
                             12        .b  don't know
                              4        .c  refusal

30 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

31 . gen nosharyn=hnoshar
   (661 missing values generated)

32 . drop if hnoshar==6
   (351 observations deleted)

33 . replace nosharyn=0 if hnoshar==1|hnoshar==2|hnoshar==3
   (3394 real changes made)

34 . replace nosharyn=1 if hnoshar==4|hnoshar==5
   (14413 real changes made)

35 .
   end of do-file

36 . codebook noshryn
   variable noshryn not found
   r(111);

37 . codebook nosharyn

-------------------------------------------------------------------------------
nosharyn                                                        (unlabeled)
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,1]                        units:  1
         unique values:  2                    missing .:  0/18468
     unique mv codes:  3                      missing .*:  661/18468

              tabulation:  Freq.  Value
                           3394  0
                          14413  1
                            645  .a
                             12  .b
                              4  .c

38 . svytab nosharyn accyn

pweight:  weight2                             Number of obs      =     17807
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17955.02

------------------------------------------
           |  main: whether had
           |  accident or injury
 nosharyn  |     No      Yes    Total
-----------+------------------------------
         0 |  .1527    .0151    .1678
         1 |  .7667    .0655    .8322

     Total |  .9194    .0806        1
------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    4.1132
    Design-based  F(1, 389)       =    3.0890     P = 0.0796
```

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

39 . codebook hpartlk

-------------------------------------------------------------------------------
hpartlk                                          main:other parents can talk to
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hpartlk

                 range:  [1,6]                        units:  1
         unique values:  6                        missing .:  0/18468
    unique mv codes:  3                       missing .*:  661/18468

          tabulation:  Freq.   Numeric  Label
                        4977         1  strongly agree
                        9026         2  agree
                        1382         3  neither agree nor disagree
                        1348         4  disagree
                         720         5  strongly disagree
                         354         6  can t say
                         646        .a  not applicable
                          10        .b  don't know
                           5        .c  refusal

40 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

41 . gen hpartlkyn=hpartlk
(661 missing values generated)

42 . drop if hpartlk==6
(354 observations deleted)

43 . replace hpartlkyn=1 if hpartlk==1|hpartlk==2
(9026 real changes made)

44 . replace hpartlkyn=0 if hpartlk==3|hpartlk==4|hpartlk==5
(3450 real changes made)

45 .
end of do-file

46 . svytab hpartlkyn accyn

pweight:  weight2                             Number of obs      =     17453
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17654.86

-------------------------------------------------
           |  main: whether had
           |  accident or injury
hpartlkyn  |     No      Yes    Total
-----------+-------------------------------------
         0 |  .1644    .0165    .1808
         1 |  .7552     .064    .8192

     Total |  .9196    .0804        1
-------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    5.8137
    Design-based  F(1, 389)       =    4.6760     P = 0.0312

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
47 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

48 . gen hfamhlpyn=hfamhlp
(663 missing values generated)

49 . drop if hfamhlp==6
(324 observations deleted)

50 . replace hfamhlpyn=1 if hfamhlp==1|hfamhlp==2
(6192 real changes made)

51 . replace hfamhlpyn=0 if hfamhlp==3|hfamhlp==4|hfamhlp==5
(2143 real changes made)

52 .
end of do-file

53 . codebook hfamhlp
```

---

hfamhlp **main:family would help if financial problems**

```
                  type:  numeric (byte)
                 label:  hfamhlp

                 range:  [1,5]                        units:  1
           unique values:  5                        missing .:  0/17790
       unique mv codes:  3                          missing .*:  663/17790

           tabulation:  Freq.   Numeric  Label
                         8792         1  strongly agree
                         6192         2  agree
                          950         3  neither agree nor disagree
                          661         4  disagree
                          532         5  strongly disagree
                          646        .a  not applicable
                           12        .b  don't know
                            5        .c  refusal

54 . svytab hfamhlpyn accyn

pweight:  weight2                              Number of obs      =     17127
Strata:   pttype2                              Number of strata   =         9
PSU:      sprptno                              Number of PSUs     =       398
FPC:      Nh2                                  Population size    =  17372.62
```

hfamhlpyn	main: whether had accident or injury No	Yes	Total
0	.1098	.0105	.1203
1	.8103	.0693	.8797
Total	.9201	.0799	1

Key: **cell proportions**

```
Pearson:
  Uncorrected   chi2(1)         =    1.8732
  Design-based  F(1, 389)       =    1.5262     P = 0.2174

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
55 . codebook hhaprel

-------------------------------------------------------------------------------
hhaprel                                        main:happy/unhappy with relationship
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hhaprel, but 7 nonmissing values are not labeled

                 range:  [1,7]                        units:  1
         unique values:  7                        missing .:  0/17790
    unique mv codes:  3                       missing .*:  3916/17790

          tabulation:  Freq.   Numeric  Label
                        356         1
                        346         2
                        458         3
                       1041         4
                       2373         5
                       4391         6
                       4909         7
                       3890        .a  not applicable
                         20        .b  don't know
                          6        .c  refusal

56 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

57 . gen haprelgp=hhaprel
   (3916 missing values generated)

58 . replace haprelgp=0 if hhaprel==1|hhaprel==2
   (702 real changes made)

59 . replace haprelgp=1 if hhaprel==3|hhaprel==4
   (1499 real changes made)

60 . replace haprelgp=2 if hhaprel==5|hhaprel==6|hhaprel==7
   (11673 real changes made)

61 .
   end of do-file

62 . svytab hprelgp accyn
   variable hprelgp not found
   r(111);

63 . svytab haprelgp accyn

   pweight:  weight2                          Number of obs      =     13874
   Strata:   pttype2                          Number of strata   =         9
   PSU:      sprptno                          Number of PSUs     =       398
   FPC:      Nh2                              Population size    =  14716.97

------------------------------------------------
           |  main: whether had
           |  accident or injury
 haprelgp  |     No      Yes    Total
-----------+------------------------------------
         0 |  .0471    .0034    .0505
         1 |  .0992    .0088     .108
         2 |  .7761    .0654    .8415

     Total |  .9224    .0776        1
------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(2)         =    1.1926
    Design-based  F(1.97, 766.08) =    0.5000     P = 0.6039

   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
64 . graph bar (sum) accyn haprelgp, stack

65 . graph bar (mean) haprelgp accyn, stack

66 . codebook hforce
```

---

hforce **main:partner ever used force**

```
                  type:  numeric (byte)
                 label:  hforce

                 range:  [1,3]                        units:  1
         unique values:  3                    missing .:  0/17790
    unique mv codes:  3                    missing .*:  3911/17790

        tabulation:  Freq.   Numeric  Label
                       465         1  yes
                     13072         2  no
                       342         3  don t want to answer
                      3890        .a  not applicable
                        16        .b  don't know
                         5        .c  refusal

67 . gen hforceyn
=exp required
r(100);

68 . gen hforceyn=hforce
(3911 missing values generated)

69 . drop if hforce==3
(342 observations deleted)

70 . svytab hforce accyn

pweight:  weight2                              Number of obs      =     13537
Strata:   pttype2                              Number of strata   =         9
PSU:      sprptno                              Number of PSUs     =       398
FPC:      Nh2                                  Population size    =   14392.3
```

main:partner ever used force	main: whether had accident or injury		
	No	Yes	Total
yes	.0317	.0037	.0354
no	.8909	.0737	.9646
Total	.9226	.0774	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 5.3427
  Design-based F(1, 389) = 4.2119 P = 0.0408

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
71 . codebook hnghfrn
```

hnghfrn — **main:feelings about neighbours**

type:	numeric (**byte**)		
label:	**hnghfrn**		
range:	**[1,6]**	units:	**1**
unique values:	**6**	missing .:	**0/17448**
unique mv codes:	**3**	missing .*:	**653/17448**

tabulation:

Freq.	Numeric	Label
5516	**1**	very friendly
8255	**2**	friendly
2204	**3**	neither friendly nor unfriendly
252	**4**	unfriendly
200	**5**	very unfriendly
368	**6**	can t say
646	**.a**	not applicable
5	**.b**	don't know
2	**.c**	refusal

```
72 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

73 . gen freneiyn=hnghfrn
(653 missing values generated)

74 . drop if hnghfrn==6
(368 observations deleted)

75 . replace freneiyn=1 if hnghfrn==1|hnghfrn==2|hnghfrn==3
(10459 real changes made)

76 . replace freneiyn=0 if hnghfrn==4|hnghfrn==5
(452 real changes made)

77 .
end of do-file

78 . svytab freneiyn accyn
```

pweight:	weight2	Number of obs	= **16427**
Strata:	pttype2	Number of strata	= **9**
PSU:	sprptno	Number of PSUs	= **398**
FPC:	Nh2	Population size	= **16694.02**

freneiyn	main: whether had accident or injury No	Yes	Total
0	**.022**	**.0034**	**.0255**
1	**.8984**	**.0761**	**.9745**
Total	**.9204**	**.0796**	**1**

Key: **cell proportions**

Pearson:
Uncorrected chi2(**1**) = **17.4855**
Design-based F(**1, 389**) = **14.1380** P = **0.0002**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
79 . codebook hselfsat
```

hselfsat — **main:satisfied with self**

```
                 type:  numeric (byte)
                label:  hselfsat

                range:  [1,5]                        units:  1
        unique values:  5                    missing .:  0/17080
    unique mv codes:  3                      missing .*:  670/17080

         tabulation:  Freq.   Numeric  Label
                      3270         1  strongly agree
                     10774         2  agree
                      1812         3  disagree
                       238         4  strongly disagree
                       316         5  can t say
                       648        .a  not applicable
                        15        .b  don't know
                         7        .c  refusal
```

```
80 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

81 . gen selfsatyn=hselfsat
(670 missing values generated)

82 . drop if hselfsat==5
(316 observations deleted)

83 . replace selfsatyn=1 if hselfsat==1|hselfsat==2
(10774 real changes made)

84 . replace selfsatyn=2 if hselfsat==3|hselfsat==4|hselfsat==5
(2050 real changes made)

85 .
end of do-file

86 . svytab selfsatyn accyn

pweight:  weight2                       Number of obs      =     16094
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  16391.92
```

selfsatyn	main: whether had accident or injury No	Yes	Total
1	.8024	.067	.8694
2	.1183	.0124	.1306
Total	.9207	.0793	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =    7.7380
    Design-based  F(1, 389)       =    6.5704     P = 0.0107

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
87 . codebook hnogood
```

hnogood — **main:thinks is no good at all at times**

```
                  type:  numeric (byte)
                 label:  hnogood

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/16764
     unique mv codes:  3                      missing .*:  672/16764

          tabulation:  Freq.   Numeric  Label
                        356         1  strongly agree
                       3225         2  agree
                       7847         3  disagree
                       4215         4  strongly disagree
                        449         5  can t say
                        648        .a  not applicable
                         17        .b  don't know
                          7        .c  refusal

88 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

89 . gen igoodyn=hnogood
(672 missing values generated)

90 . drop if hnogood==5
(449 observations deleted)

91 . replace igoodyn=0 if hnogood==1|hnogood==2
(3581 real changes made)

92 . replace igoodyn=1 if hnogood==3|hnogood==4
(12062 real changes made)

93 .
end of do-file

94 . svytab igoodyn accyn

pweight:  weight2                              Number of obs      =     15643
Strata:   pttype2                              Number of strata   =         9
PSU:      sprptno                              Number of PSUs     =       398
FPC:      Nh2                                  Population size    =   15987.2
```

igoodyn	main: whether had accident or injury No	Yes	Total
0	.2055	.0223	.2278
1	.7148	.0574	.7722
Total	.9202	.0798	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 20.8930
  Design-based F(1, 389) = 12.9998 P = 0.0004

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
95 . codebook hdowell
```

---

hdowell **main:able to do things as well as others**

```
                 type:  numeric (byte)
                label:  hdowell

                range:  [1,5]                        units:  1
        unique values:  5                    missing .:  0/16315
    unique mv codes:  3                      missing .*:  672/16315

         tabulation:  Freq.   Numeric  Label
                       4041         1  strongly agree
                      10582         2  agree
                        678         3  disagree
                        162         4  strongly disagree
                        180         5  can t say
                        648        .a  not applicable
                         17        .b  don't know
                          7        .c  refusal

96 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

97 . gen dowellyn=hdowell
(672 missing values generated)

98 . drop if hdowell==5
(180 observations deleted)

99 . replace dowellyn=1 if hdowell==1|hdowell==2
(10582 real changes made)

100 . replace dowellyn=0 if hdowell==3|hdowell==4
(840 real changes made)

101 .
end of do-file

102 . svytab dowellyn accyn

pweight:  weight2                       Number of obs      =     15463
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  15812.39
```

dowellyn	main: whether had accident or injury No	Yes	Total
0	.0496	.0044	.054
1	.8706	.0754	.946
Total	.9202	.0798	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.0565
  Design-based F(1, 389) = 0.0391 P = 0.8433

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
103 . codebook huseless
```

huseless — **main:feels useless at times**

```
                  type:  numeric (byte)
                 label:  huseless

                 range:  [1,5]                        units:  1
         unique values:  5                    missing .:  0/16135
     unique mv codes:  3                      missing .*:  672/16135

            tabulation:  Freq.   Numeric  Label
                          345         1  strongly agree
                         3299         2  agree
                         7584         3  disagree
                         4015         4  strongly disagree
                          220         5  can t say
                          648        .a  not applicable
                           17        .b  don't know
                            7        .c  refusal

104 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

105 . gen uselsyn=huseless
(672 missing values generated)

106 . drop if huseless==5
(220 observations deleted)

107 . replace uselsyn=0 if huseless==1|huseless==2
(3644 real changes made)

108 . replace uselsyn=1 if huseless==3|huseless==4
(11599 real changes made)

109 .
end of do-file

110 . svytab uselsyn accyn

pweight:  weight2                       Number of obs      =     15243
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  15583.09
```

uselsyn	main: whether had accident or injury No	Yes	Total
0	.2158	.0232	.239
1	.7045	.0566	.761
Total	.9203	.0797	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 19.2303
  Design-based F(1, 389) = 12.1330 P = 0.0006

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
111 . codebook heffic1
```

heffic1 — **main:gets what wants out of life**

```
                type:  numeric (byte)
               label:  heffic1

               range:  [1,3]                        units:  1
         unique values:  3                        missing .:  0/15915
     unique mv codes:  3                          missing .*:  665/15915

          tabulation:  Freq.   Numeric  Label
                        1546         1  i never really seem to get what
                                        i want o
                       11785         2  i usually get what i want out of
                                        life
                        1919         3  can t say
                         648        .a  not applicable
                          12        .b  don't know
                           5        .c  refusal
```

```
112 . generate efficlyn=heffic1
    (665 missing values generated)

113 . drop if heffic1==3
    (1919 observations deleted)

114 . svytab efficlyn accyn

    pweight:  weight2                       Number of obs      =     13331
    Strata:   pttype2                       Number of strata   =         9
    PSU:      sprptno                       Number of PSUs     =       398
    FPC:      Nh2                           Population size    =  13739.35
```

efficlyn	main: whether had accident or injury No	Yes	Total
1	.0892	.0107	.0999
2	.8307	.0694	.9001
Total	.9199	.0801	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =   14.8774
    Design-based  F(1, 389)       =    9.8347     P = 0.0018

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

115 . generate effic2yn=heffic2
    (666 missing values generated)

116 . drop if heffic2==3
    (853 observations deleted)

117 . svytab effic2yn accyn

    pweight:  weight2                       Number of obs      =     12477
    Strata:   pttype2                       Number of strata   =         9
    PSU:      sprptno                       Number of PSUs     =       398
    FPC:      Nh2                           Population size    =  12908.69
```

effic2yn	main: whether had accident or injury No	Yes	Total
1	.8394	.0726	.912
2	.0794	.0086	.088
Total	.9188	.0812	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 4.3528
Design-based F(1, 389) = 3.3408 P = 0.0683

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
118 . generate effic3yn=heffic3
(667 missing values generated)

119 . drop if heffic3==3
(295 observations deleted)

120 . svytab effic3yn accyn

pweight:  weight2                       Number of obs      =     12181
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  12626.21
```

effic3yn	main: whether had accident or injury No	Yes	Total
1	.8853	.0768	.9621
2	.034	.0039	.0379
Total	.9193	.0807	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 2.9550
Design-based F(1, 389) = 2.2122 P = 0.1377

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
121 . codebook lifesat
variable lifesat not found
r(111);

122 . codebook hlifesat

-------------------------------------------------------------------------------
hlifesat                                                main:life satisfaction
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hlifesat, but 10 nonmissing values are not labeled

                 range:  [1,10]                       units:  1
         unique values:  10                       missing .:  0/12848
     unique mv codes:  3                      missing .*:  666/12848

              examples:  7
                         8
                         9
                         10
```

```
123 . graph bar (sum) hlifesat

124 . histogram hlifsat, discrete
    variable hlifsat not found
    r(111);

125 . histogram hlifesat, discrete
    (start=1, width=1)

126 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

127 . gen lfsatgp=hlifesat
    (666 missing values generated)

128 . replace lfsatgp=low if hlifesat==1|hlifesat==2|hlifesat==3|hlifesat==4
    low not found
    r(111);

    end of do-file
    r(111);

129 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

130 . gen lfsatgp=hlifesat
    lfsatgp already defined
    r(110);

    end of do-file
    r(110);

131 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

132 . gen lifsatgp=hlifesat
    (666 missing values generated)

133 . replace lifsatgp=0 if hlifesat==1|hlifesat==2|hlifesat==3|hlifesat==4
    (493 real changes made)

134 . replace lifsatgp=1 if hlifesat==5|hlifesat==6|hlifesat==7|hlifesat==8|hlifesa
    > t==9|hlifesat==10
    (11689 real changes made)

135 .
136 .
137 .
138 .
139 .
    end of do-file

140 . svytab lifsatgp accyn

    pweight:  weight2                          Number of obs      =     12182
    Strata:   pttype2                          Number of strata   =         9
    PSU:      sprptno                          Number of PSUs     =       398
    FPC:      Nh2                              Population size    =  12627.04

    ------------------------------------------
                |  main: whether had
                |  accident or injury
     lifsatgp   |     No     Yes   Total
    ------------+-----------------------------
            0   |  .0338   .0036   .0373
            1   |  .8856   .0771   .9627

        Total   |  .9193   .0807        1
    ------------------------------------------
      Key:  cell proportions

      Pearson:
        Uncorrected   chi2(1)         =    1.3684
        Design-based  F(1, 389)       =    0.8658     P = 0.3527
```

```
    Finite population correction (FPC) assumes simple random sampling without
    replacement of PSUs within each stratum with no subsampling within PSUs.

141 . codebook fseemum

-------------------------------------------------------------------------------
fseemum                                                main:frequency sees mother
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  fseemum

                 range:  [1,9]                        units:  1
         unique values:  9                        missing .:  0/12848
    unique mv codes:  2                       missing .*:  900/12848

        tabulation:  Freq.   Numeric  Label
                     3001          1  every day
                     2406          2  3-6 times a week
                     2391          3  once or twice a week
                     1205          4  less often, but at least once a
                                      month
                     1239          5  once every few months
                      255          6  once a year
                      558          7  less than once a year
                      304          8  never
                      589          9  (lives with mother)
                      896         .a  not applicable
                        4         .b  don't know

142 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

143 . gen cmumgp=fseemum
    (900 missing values generated)

144 . replace cmumgp=2 if fseemum==1|fseemum==2|fseemum==3
    (5392 real changes made)

145 . replace cmumgp=1 if fseemum==4|fseemum==5
    (2444 real changes made)

146 . replace cmumgp=0 if fseemum==6|fseemum==7|fseemum==8
    (1117 real changes made)

147 .
    end of do-file

148 . svytab cmumgp accyn

    pweight:  weight2                         Number of obs      =     11948
    Strata:   pttype2                         Number of strata   =         9
    PSU:      sprptno                         Number of PSUs     =       398
    FPC:      Nh2                             Population size    =  12198.79

------------------------------------------------
           |  main: whether had
           |  accident or injury
   cmumgp  |     No      Yes    Total
-----------+------------------------------------
         0 |  .0688    .0035    .0723
         1 |  .2281    .0193    .2474
         2 |  .5876    .0541    .6417
         9 |  .0354    .0032    .0386

     Total |    .92      .08        1
------------------------------------------------
      Key:  cell proportions

      Pearson:
        Uncorrected   chi2(3)         =   14.1395
        Design-based  F(2.96, 1149.78)=    3.5281     P = 0.0150
```

```
    Finite population correction (FPC) assumes simple random sampling without
    replacement of PSUs within each stratum with no subsampling within PSUs.

149 . codebook fseedad

-------------------------------------------------------------------------------
fseedad                                                main:frequency sees father
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  fseedad

                 range:  [1,9]                        units:  1
         unique values:  9                        missing .:  0/12848
     unique mv codes:  3                      missing .*:  2221/12848

          tabulation:  Freq.   Numeric  Label
                       1571          1  every day
                       1695          2  3-6 times a week
                       2398          3  once or twice a week
                       1384          4  less often, but at least once a
                                        month
                       1327          5  once every few months
                        384          6  once a year
                        619          7  less than once a year
                        905          8  never
                        344          9  (lives with father)
                       2211         .a  not applicable
                          9         .b  don't know
                          1         .c  refusal

150 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

151 . gen cdadgp=fseedad
    (2221 missing values generated)

152 . replace cdadgp=2 if fseedad==1|fseedad==2|fseedad==3
    (3969 real changes made)

153 . replace cdadgp=1 if fseedad==4|fseedad==5
    (2711 real changes made)

154 . replace cdadgp=0 if fseedad==6|fseedad==7|fseedad==8
    (1908 real changes made)

155 .
    end of do-file

156 . svytab cdadgp accyn

    pweight:  weight2                          Number of obs      =     10627
    Strata:   pttype2                          Number of strata   =         9
    PSU:      sprptno                          Number of PSUs     =       398
    FPC:      Nh2                              Population size    =   10977.1

              |  main: whether had
              |  accident or injury
      cdadgp  |     No      Yes    Total
    ----------+---------------------------
            0 |  .1432     .013    .1562
            1 |  .2768     .023    .2998
            2 |   .476    .0406    .5166
            9 |  .0247    .0026    .0274
              |
        Total |  .9207    .0793        1
    ----------+---------------------------
      Key:  cell proportions

      Pearson:
        Uncorrected   chi2(3)         =    1.7949
        Design-based  F(2.95, 1146.37)=    0.3814     P = 0.7629
```

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

```
157 . codebook ffrends

-------------------------------------------------------------------------------
ffrends                                  main:frequency spends time with friends
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  ffrends

                 range:  [1,5]                        units:  1
         unique values:  5                    missing .:  0/12848
     unique mv codes:  2                      missing .*:  24/12848

          tabulation:  Freq.   Numeric  Label
                        1230         1  every day
                        2359         2  3-6 times
                        5675         3  1-2 times
                        3289         4  not at all
                         271         5  no friends
                          22        .a  not applicable
                           2        .b  don't know

158 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

159 . gen frenyn=ffrends
(24 missing values generated)

160 . replace frenyn=1 if ffrends==1|ffrends==2|ffrends==3
(8034 real changes made)

161 . replace frenyn=0 if ffrends==4|ffrends==5
(3560 real changes made)

162 .
end of do-file

163 . svytab frenyn accyn

pweight:  weight2                       Number of obs      =     12824
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =   13037.1

------------------------------------------
           |  main: whether had
           |  accident or injury
   frenyn  |     No      Yes    Total
-----------+------------------------------
         0 |  .2343    .0183    .2526
         1 |  .6864     .061    .7474
           |
     Total |  .9206    .0794        1
------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    2.7451
    Design-based  F(1, 389)       =    2.1371     P = 0.1446
```

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

```
164 .  codebook jfinmng
```

jfinmng — **main:self-rated finanical status**

```
                  type:  numeric (byte)
                 label:  jfinmng

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/12848
     unique mv codes:  3                          missing .*:  43/12848

          tabulation:  Freq.   Numeric  Label
                        3435         1  ...living comfortably,
                        5004         2  doing alright,
                        3194         3  just about getting by,
                         899         4  finding it quite difficult,
                         273         5  or, finding it very difficult?
                          32        .a  not applicable
                           5        .b  don't know
                           6        .c  refusal

165 . generate finyn=jfinmng
    (43 missing values generated)

166 . finyn=1 if jfinmng==1|jfinmng==2|jfinmng==3
    unrecognized command:  finyn
    r(199);

167 . replace finyn=1 if jfinmng==1|jfinmng==2|jfinmng==3
    (8198 real changes made)

168 . replace finyn=0 if jfinmng==4|jfinmng==5
    (1172 real changes made)

169 . svytab finyn accyn

    pweight:  weight2                                Number of obs      =     12805
    Strata:   pttype2                                Number of strata   =         9
    PSU:      sprptno                                Number of PSUs     =       398
    FPC:      Nh2                                    Population size    =  13025.94
```

finyn	main: whether had accident or injury No	Yes	Total
0	.0767	.0067	.0834
1	.8439	.0727	.9166
Total	.9207	.0793	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.0072
  Design-based F(1, 389) = 0.0055 P = 0.9412

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
170 . codebook lchattn

-------------------------------------------------------------------------------
lchattn                                  main:attendance at religious meetings
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  lchattn

                 range:  [1,4]                        units:  1
         unique values:  4                        missing .:  0/12848
     unique mv codes:  3                      missing .*:  5409/12848

           tabulation:  Freq.   Numeric  Label
                        1544          1  ...once a week or more,
                        1013          2  less often but at least once a
                                         month,
                        1390          3  sometimes, but less than once a
                                         month,
                        3492          4  or, very rarely or never?
                        5389         .a  not applicable
                           9         .b  don't know
                          11         .c  refusal

171 . en churyn=lchattn
variable churyn not found
r(111);

172 . gen churyn=lchattn
(5409 missing values generated)

173 . replace churyn=1 if lchattn==1|lchattn==2
(1013 real changes made)

174 . replace churyn=0 if lchattn==3|lchattn==4
(4882 real changes made)

175 . svytab churyn accyn

pweight:  weight2                                Number of obs      =      7439
Strata:   pttype2                                Number of strata   =         9
PSU:      sprptno                                Number of PSUs     =       398
FPC:      Nh2                                    Population size    = 7241.5201

------------------------------------------
           |  main: whether had accident
           |        or injury
   churyn  |        No       Yes     Total
-----------+------------------------------
         0 |     .6489     .0507     .6996
         1 |     .2752     .0253     .3004
           |
     Total |      .924      .076         1
------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    2.9881
    Design-based  F(1, 389)       =    1.5373     P = 0.2158

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

176 . save "C:\Documents and Settings\The boss\Desktop\Al's MSc project data\alison
> _mcs.dta", replace
file C:\Documents and Settings\The boss\Desktop\Al's MSc project data\alison_mc
> s.dta saved

177 . exit, clear
```

```
      log:  C:\Documents and Settings\The boss\Desktop\Al's MSc project data\Logs\Jul 25th
  log type:  smcl
 opened on:  25 Jul 2005, 10:11:19

1 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

2 . gen nosharyn=hnoshar
(661 missing values generated)

3 . replace nosharyn=0 if hnoshar==1|hnoshar==2|hnoshar==3
(3394 real changes made)

4 . replace nosharyn=1 if hnoshar==4|hnoshar==5
(14413 real changes made)

5 . replace nosharyn=-8 if hnoshar==6
(351 real changes made)

6 .
end of do-file

7 . codebook hnoshar

-------------------------------------------------------------------------------
hnoshar
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hnoshar

                 range:  [1,6]                        units:  1
         unique values:  6                        missing .:  0/18819
     unique mv codes:  3                      missing .*:  661/18819

         tabulation:  Freq.   Numeric  Label
                       515         1  strongly agree
                      1109         2  agree
                      1770         3  neither agree nor disagree
                      7236         4  disagree
                      7177         5  strongly disagree
                       351         6  can t say
                       645        .a  not applicable
                        12        .b  don't know
                         4        .c  refusal

8 . codebook nosharyn

-------------------------------------------------------------------------------
nosharyn
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [-8,1]                       units:  1
         unique values:  3                        missing .:  0/18819
     unique mv codes:  3                      missing .*:  661/18819

         tabulation:  Freq.  Value
                       351  -8
                      3394  0
                     14413  1
                       645  .a
                        12  .b
                         4  .c
```

```
 9 . svytab accyn nosharyn
   variable accyn not found
   r(111);

10 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

11 . gen accyn=daccany
   (22 missing values generated)

12 . replace accyn=1 if accyn>=1
   (93 real changes made)

13 . label variable accyn "main: whether had accident or injury"

14 . label define accyn -8 "don't know" -1 "not applicable" 0 "No" 1 "Yes"

15 . label values accyn accyn

16 .
   end of do-file

17 . codebook accyn

-------------------------------------------------------------------------------
accyn
-------------------------------------------------------------------------------

                  type:  numeric (float)
                 label:  accyn

                 range:  [0,1]                        units:  1
         unique values:  2                    missing .:  0/18819

            tabulation:  Freq.   Numeric  Label
                        17334         0  No
                         1485         1  Yes

18 . svytab accyn nosharyn

pweight:  weight2                             Number of obs      =     18158
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18244.31

------------------------------------------------------------------------------
main:       |
whether     |
had         |
accident    |                nosharyn
or injury   |        -8          0          1      Total
------------+-----------------------------------------------------------------
         No |    .0149      .1503      .7545      .9197
        Yes |  9.8e-04      .0148      .0645      .0803
------------+-----------------------------------------------------------------
      Total |    .0159      .1651       .819          1
------------------------------------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(2)         =    5.4675
    Design-based  F(1.96, 763.15) =    2.3311     P = 0.0990

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
19 . svytab accyn nosharyn f nosharyn>=0
   f ambiguous abbreviation
   r(111);

20 . svytab accyn nosharyn if nosharyn>=0

   pweight:  weight2                          Number of obs      =     17807
   Strata:   pttype2                          Number of strata   =         9
   PSU:      sprptno                          Number of PSUs     =       398
   FPC:      Nh2                              Population size    =  17955.02
```

main: whether had accident or injury	nosharyn 0	1	Total
No	.1527	.7667	.9194
Yes	.0151	.0655	.0806
Total	.1678	.8322	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = **4.1132**
  Design-based F(1, 389) = **3.0890** P = **0.0796**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
21 . codebook hpartlk
```

hpartlk

```
                  type:  numeric (byte)
                 label:  hpartlk

                 range:  [1,6]                        units:  1
           unique values:  6                    missing .:  0/18819
       unique mv codes:  3                    missing .*:  661/18819

            tabulation:  Freq.   Numeric  Label
                         5023          1  strongly agree
                         9170          2  agree
                         1416          3  neither agree nor disagree
                         1374          4  disagree
                          725          5  strongly disagree
                          450          6  can t say
                          646         .a  not applicable
                           10         .b  don't know
                            5         .c  refusal

22 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

23 . gen hpartlkyn=hpartlk
   (661 missing values generated)

24 . replace hpartlkyn=-8 if hpartlk==6
   (450 real changes made)
```

```
25 . replace hpartlkyn=1 if hpartlk==1|hpartlk==2
   (9170 real changes made)

26 . replace hpartlkyn=0 if hpartlk==3|hpartlk==4|hpartlk==5
   (3515 real changes made)

27 .
   end of do-file

28 . svytab accyn hpartlkyn if hpartlkyn >=0

   pweight:  weight2                             Number of obs      =     17708
   Strata:   pttype2                             Number of strata   =         9
   PSU:      sprptno                             Number of PSUs     =       398
   FPC:      Nh2                                 Population size    =  17870.36

   ------------------------------------
   main:     |
   whether   |
   had       |
   accident  |       hpartlkyn
   or injury |     0      1  Total
   ----------+-------------------------
          No |  .1656   .754  .9196
         Yes |  .0164  .0639  .0804
             |
       Total |  .1821  .8179      1
   ------------------------------------
     Key:  cell proportions

     Pearson:
       Uncorrected   chi2(1)         =    5.1307
       Design-based  F(1, 389)       =    4.0935     P = 0.0437

   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

29 . codebook hfamhlp

   ------------------------------------------------------------------------------
   hfamhlp
   ------------------------------------------------------------------------------

                     type:  numeric (byte)
                    label:  hfamhlp

                    range:  [1,6]                        units:  1
              unique values:  6                       missing .:  0/18819
          unique mv codes:  3                      missing .*:  663/18819

              tabulation:  Freq.   Numeric  Label
                           9059         1  strongly agree
                           6432         2  agree
                            989         3  neither agree nor disagree
                            692         4  disagree
                            560         5  strongly disagree
                            424         6  can t say
                            646        .a  not applicable
                             12        .b  don't know
                              5        .c  refusal

30 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"
```

```
31 . gen famhlpyn=hfamhlp
   (663 missing values generated)

32 . replace famhlpyn=-8 if hfamhlp==6
   (424 real changes made)

33 . replace famhlpyn=1 if hfamhlp==1|hfamhlp==2|hfamhlp==3
   (7421 real changes made)

34 . replace famhlpyn=0 if hfamhlp==4|hfamhlp==5
   (1252 real changes made)

35 .
   end of do-file

36 . codebook famhlpyn

-------------------------------------------------------------------------------
famhlpyn
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [-8,1]                       units:  1
         unique values:  3                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  663/18819

            tabulation:  Freq.  Value
                           424  -8
                          1252  0
                         16480  1
                           646  .a
                            12  .b
                             5  .c

37 . svytab accyn famhlpyn if famhlpyn>=0

pweight:  weight2                               Number of obs      =     17732
Strata:   pttype2                               Number of strata   =         9
PSU:      sprptno                               Number of PSUs     =       398
FPC:      Nh2                                   Population size    =  17880.68

------------------------------------------------
main:              |
whether            |
had                |
accident           |       famhlpyn
or injury          |         0         1    Total
-------------------+----------------------------
        No         |      .062     .8581    .9201
       Yes         |      .006     .0738    .0799
                   |
     Total         |     .0681     .9319        1
------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    1.3753
    Design-based  F(1, 389)       =    0.9545     P = 0.3292

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
38 . codebook hhaprel
```

hhaprel

```
                  type:  numeric (byte)
                 label:  hhaprel, but 7 nonmissing values are not labeled

                 range:  [1,7]                        units:  1
         unique values:  7                        missing .:  0/18819
     unique mv codes:  3                      missing .*:  4174/18819

          tabulation:  Freq.   Numeric  Label
                         375         1
                         360         2
                         494         3
                        1114         4
                        2517         5
                        4581         6
                        5204         7
                        4144        .a  not applicable
                          23        .b  don't know
                           7        .c  refusal

39 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

40 . gen haprelgp=hhaprel
   (4174 missing values generated)

41 . replace haprelgp=0 if hhaprel==1|hhaprel==2
   (735 real changes made)

42 . replace haprelgp=1 if hhaprel==3|hhaprel==4
   (1608 real changes made)

43 . replace haprelgp=2 if hhaprel==5|hhaprel==6|hhaprel==7
   (12302 real changes made)

44 .
   end of do-file

45 . svytab accyn hprelgp
   variable hprelgp not found
   r(111);

46 . svytab accyn haprelgp

   pweight:  weight2                              Number of obs      =     14645
   Strata:   pttype2                              Number of strata   =         9
   PSU:      sprptno                              Number of PSUs     =       398
   FPC:      Nh2                                  Population size    =   15387.3
```

main: whether had accident or injury	haprelgp 0	1	2	Total
No	.0463	.1008	.7749	.922
Yes	.0035	.009	.0655	.078
Total	.0498	.1098	.8404	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(2)          =    0.9234
    Design-based  F(1.97, 764.43) =    0.3776     P = 0.6819

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
47 . codebook hforce
```

hforce

```
                  type:  numeric (byte)
                 label:  hforce

                 range:  [1,3]                        units:  1
           unique values:  3                        missing .:  0/18819
       unique mv codes:  3                          missing .*:  4167/18819

            tabulation:  Freq.   Numeric  Label
                           494         1  yes
                         13766         2  no
                           392         3  don t want to answer
                          4144        .a  not applicable
                            18        .b  don't know
                             5        .c  refusal
```

```
48 . svytab accyn hforce if hforce>=0 & hforce <=2

pweight:  weight2                               Number of obs      =     14260
Strata:   pttype2                               Number of strata   =         9
PSU:      sprptno                               Number of PSUs     =       398
FPC:      Nh2                                   Population size    =  15027.02
```

main: whether had accident or injury	main:partner ever used force yes	no	Total
No	.0322	.89	.9221
Yes	.0037	.0742	.0779
Total	.0359	.9641	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 4.7212
  Design-based F(1, 389) = 3.5831 P = 0.0591

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
49 . codebook hnghfrn
```

hnghfrn

```
                  type:  numeric (byte)
                 label:  hnghfrn

                 range:  [1,6]                        units:  1
           unique values:  6                        missing .:  0/18819
       unique mv codes:  3                          missing .*:  657/18819

            tabulation:  Freq.   Numeric  Label
                          5920         1  very friendly
                          8873         2  friendly
                          2389         3  neither friendly nor unfriendly
                           282         4  unfriendly
                           235         5  very unfriendly
                           463         6  can t say
                           647        .a  not applicable
                             6        .b  don't know
                             4        .c  refusal
```

```
50 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

51 . gen freneiyn=hnghfrn
   (657 missing values generated)

52 . replace freneiyn=-8 if hnghfrn==6
   (463 real changes made)

53 . replace freneiyn=1 if hnghfrn==1|hnghfrn==2|hnghfrn==3
   (11262 real changes made)

54 . replace freneiyn=0 if hnghfrn==4|hnghfrn==5
   (517 real changes made)

55 .
   end of do-file

56 . svytab accyn freneiyn if freneiyn>=0

   pweight:  weight2                          Number of obs      =     17699
   Strata:   pttype2                          Number of strata   =         9
   PSU:      sprptno                          Number of PSUs     =       398
   FPC:      Nh2                              Population size    =  17815.04

   ------------------------------------
   main:      |
   whether    |
   had        |
   accident   |       freneiyn
   or injury  |    0       1   Total
   -----------+------------------------
         No   | .0233   .8967   .9201
        Yes   | .0036   .0764   .0799

       Total | .0269   .9731       1
   ------------------------------------
     Key:  cell proportions

     Pearson:
       Uncorrected   chi2(1)         =   18.2682
       Design-based  F(1, 389)       =   15.7993     P = 0.0001

   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

57 . codebook hselfsat

   ------------------------------------------------------------------------------
   hselfsat
   ------------------------------------------------------------------------------

                     type:  numeric (byte)
                    label:  hselfsat

                    range:  [1,5]                        units:  1
              unique values:  5                       missing .:  0/18819
          unique mv codes:  3                         missing .*:  674/18819

              tabulation:  Freq.   Numeric  Label
                            3609         1  strongly agree
                           11791         2  agree
                            2007         3  disagree
                             274         4  strongly disagree
                             464         5  can t say
                             649        .a  not applicable
                              16        .b  don't know
                               9        .c  refusal
```

```
58 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

59 . gen selfsatyn=hselfsat
   (674 missing values generated)

60 . replace selfsatyn=-8 if hselfsat==5
   (464 real changes made)

61 . replace selfsatyn=1 if hselfsat==1|hselfsat==2
   (11791 real changes made)

62 . replace selfsatyn=0 if hselfsat==3|hselfsat==4
   (2281 real changes made)

63 .
   end of do-file

64 . svytab accyn selfsatyn if selfsatyn>=0

   pweight:  weight2                          Number of obs      =     17681
   Strata:   pttype2                          Number of strata   =         9
   PSU:      sprptno                          Number of PSUs     =       398
   FPC:      Nh2                              Population size    =  17815.62

   ------------------------------------
   main:      |
   whether    |
   had        |
   accident   |       selfsatyn
   or injury  |      0       1   Total
   -----------+------------------------
          No  |  .1207   .7993   .9199
         Yes  |   .013   .0671   .0801
              |
       Total  |  .1336   .8664       1
   ------------------------------------
     Key:  cell proportions

     Pearson:
       Uncorrected   chi2(1)         =   10.6456
       Design-based  F(1, 389)       =    8.4268     P = 0.0039

   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

65 . codebook hnogood

   ------------------------------------------------------------------------------
   hnogood
   ------------------------------------------------------------------------------

                     type:  numeric (byte)
                    label:  hnogood

                    range:  [1,5]                        units:  1
              unique values:  5                       missing .:  0/18819
          unique mv codes:  3                         missing .*:  678/18819

              tabulation:  Freq.   Numeric  Label
                             447         1  strongly agree
                            3709         2  agree
                            8685         3  disagree
                            4567         4  strongly disagree
                             733         5  can t say
                             649        .a  not applicable
                              20        .b  don't know
                               9        .c  refusal
```

```
66 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

67 . gen igoodyn=hnogood
   (678 missing values generated)

68 . replace igoodyn=-8 if hnogood==5
   (733 real changes made)

69 . replace igoodyn=0 if hnogood==1|hnogood==2
   (4156 real changes made)

70 . replace igoodyn=1 if hnogood==3|hnogood==4
   (13252 real changes made)

71 .
   end of do-file

72 . svytab accyn igoodyn if igoodyn>=0

   pweight:  weight2                          Number of obs      =     17408
   Strata:   pttype2                          Number of strata   =         9
   PSU:      sprptno                          Number of PSUs     =       398
   FPC:      Nh2                              Population size    =  17603.53
```

main: whether had accident or injury	igoodyn 0	1	Total
No	.2131	.7063	.9194
Yes	.0235	.0571	.0806
Total	.2366	.7634	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1)   = **25.5711**
  Design-based F(1, 389)   = **15.9080** P = **0.0001**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
73 . codebook hdowell
```

---

hdowell

```
                  type:  numeric (byte)
                 label:  hdowell

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  677/18819

          tabulation:  Freq.   Numeric  Label
                        4600         1  strongly agree
                       12171         2  agree
                         808         3  disagree
                         190         4  strongly disagree
                         373         5  can t say
                         649        .a  not applicable
                          19        .b  don't know
                           9        .c  refusal
```

```
74 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

75 . gen dowellyn=hdowell
   (677 missing values generated)

76 . replace dowellyn=-8 if hdowell==5
   (373 real changes made)

77 . replace dowellyn=1 if hdowell==1|hdowell==2
   (12171 real changes made)

78 . replace dowellyn=0 if hdowell==3|hdowell==4
   (998 real changes made)

79 .
   end of do-file

80 . svytab accyn dowellyn if dowellyn>=0

   pweight:  weight2                         Number of obs      =     17769
   Strata:   pttype2                         Number of strata   =         9
   PSU:      sprptno                         Number of PSUs     =       398
   FPC:      Nh2                             Population size    =  17897.02

   ------------------------------------------
   main:      |
   whether    |
   had        |
   accident   |       dowellyn
   or injury  |     0      1  Total
   -----------+------------------------------
         No   | .0514   .868  .9195
        Yes   | .0045   .076  .0805
              |
       Total  |  .056   .944      1
   ------------------------------------------
     Key:  cell proportions

     Pearson:
       Uncorrected   chi2(1)         =    0.0002
       Design-based  F(1, 389)       =    0.0001     P = 0.9912

   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

81 . svytab accyn dowellyn if dowellyn>=0

   pweight:  weight2                         Number of obs      =     17769
   Strata:   pttype2                         Number of strata   =         9
   PSU:      sprptno                         Number of PSUs     =       398
   FPC:      Nh2                             Population size    =  17897.02

   ------------------------------------------
   main:      |
   whether    |
   had        |
   accident   |       dowellyn
   or injury  |     0      1  Total
   -----------+------------------------------
         No   | .0514   .868  .9195
        Yes   | .0045   .076  .0805
              |
       Total  |  .056   .944      1
   ------------------------------------------
     Key:  cell proportions

     Pearson:
       Uncorrected   chi2(1)         =    0.0002
       Design-based  F(1, 389)       =    0.0001     P = 0.9912

   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
82 . svytab dowellyn accyn if dowellyn>=0

pweight:  weight2                                 Number of obs      =     17769
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17897.02
```

dowellyn	main: whether had accident or injury No	Yes	Total
0	.0514	.0045	.056
1	.868	.076	.944
Total	.9195	.0805	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.0002
  Design-based F(1, 389) = 0.0001 P = 0.9912

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
83 . codebook huseless
```

huseless

```
                  type:  numeric (byte)
                 label:  huseless

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  680/18819

          tabulation:  Freq.   Numeric  Label
                        440         1  strongly agree
                       4060         2  agree
                       8598         3  disagree
                       4450         4  strongly disagree
                        591         5  can t say
                        649        .a  not applicable
                         22        .b  don't know
                          9        .c  refusal

84 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

85 . gen uselsyn=huseless
(680 missing values generated)

86 . replace uselsyn=-8 if huseless==5
(591 real changes made)

87 . replace uselsyn=0 if huseless==1|huseless==2
(4500 real changes made)

88 . replace uselsyn=1 if huseless==3|huseless==4
(13048 real changes made)
```

```
89 .
   end of do-file

90 . svytab accyn uselsyn if uselsyn>=0

pweight:  weight2                         Number of obs      =     17548
Strata:   pttype2                         Number of strata   =         9
PSU:      sprptno                         Number of PSUs     =       398
FPC:      Nh2                             Population size    =  17699.73

------------------------------------------
main:      |
whether    |
had        |
accident   |        uselsyn
or injury  |     0       1   Total
-----------+------------------------------
       No  |  .2308    .689   .9198
      Yes  |  .0241   .0561   .0802
           |
    Total  |  .2549   .7451       1
------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =   17.0168
    Design-based  F(1, 389)       =   11.1612     P = 0.0009

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

91 . codebook heffic1

-------------------------------------------------------------------------------
heffic1
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  heffic1

                 range:  [1,3]                        units:  1
           unique values:  3                    missing .:  0/18819
       unique mv codes:  3                      missing .*:  673/18819

            tabulation:  Freq.   Numeric  Label
                         2021         1  i never really seem to get what
                                         i want o
                        13353         2  i usually get what i want out of
                                         life
                         2772         3  can t say
                          649        .a  not applicable
                           17        .b  don't know
                            7        .c  refusal

92 . svytab accyn heffic1 if heffic1>=0 & heffic1<=2

pweight:  weight2                         Number of obs      =     15374
Strata:   pttype2                         Number of strata   =         9
PSU:      sprptno                         Number of PSUs     =       398
FPC:      Nh2                             Population size    =  15635.97

------------------------------------------
main:      |
whether    |
had        |  main:gets what wants out of
accident   |              life
or injury  |  i never  i usuall     Total
-----------+------------------------------
       No  |     .101     .8183     .9193
      Yes  |     .012     .0687     .0807
           |
    Total  |     .113      .887         1
------------------------------------------
  Key:  cell proportions
```

```
  Pearson:
    Uncorrected   chi2(1)         =   17.5294
    Design-based  F(1, 389)       =   12.9297     P = 0.0004

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

93 . codebook heffic2

-------------------------------------------------------------------------------
heffic2
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  heffic2

                 range:  [1,3]                        units:  1
           unique values:  3                      missing .:  0/18819
       unique mv codes:  3                      missing .*:  675/18819

            tabulation:  Freq.   Numeric  Label
                         13965         1  i usually have a free choice and
                                          control
                          1916         2  whatever i do has no real effect
                                          on what
                          2263         3  can t say
                           649        .a  not applicable
                            19        .b  don't know
                             7        .c  refusal

94 . svytab accyn heffic2 if heffic2>=0 & heffic2<=2

pweight:  weight2                       Number of obs      =     15881
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  16159.84

------------------------------------------------------------
main:      |
whether    |
had        |
accident   |     main:control over life
or injury  | i usuall   whatever      Total
-----------+------------------------------------------------
        No |    .8232      .0951      .9183
       Yes |     .072      .0097      .0817

     Total |    .8952      .1048          1
------------------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    2.8213
    Design-based  F(1, 389)       =    2.0777     P = 0.1503

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

95 . codebook heffic3

-------------------------------------------------------------------------------
heffic3
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  heffic3

                 range:  [1,3]                        units:  1
           unique values:  3                      missing .:  0/18819
       unique mv codes:  3                      missing .*:  675/18819
```

```
tabulation:  Freq.   Numeric  Label
               15346        1  usually i can run my life more
                                  or less a
                1127        2  i usually find life s problems
                                  just too
                1671        3  can t say
                 650       .a  not applicable
                  18       .b  don't know
                   7       .c  refusal
```

```
96 . svytab accyn heffic3 if heffic3>=0 & heffic3<=2

pweight:  weight2                          Number of obs      =     16473
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =   16726.2
```

main: whether had accident or injury	main:can run own life usually	i usuall	Total
No	.8676	.0518	.9194
Yes	.0753	.0053	.0806
Total	.9429	.0571	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 2.0429
  Design-based F(1, 389) = 1.7069 P = 0.1922

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
97 . codebook hlifesat

-------------------------------------------------------------------------------
hlifesat
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hlifesat, but 10 nonmissing values are not labeled

                 range:  [1,10]                       units:  1
         unique values:  10                       missing .:  0/18819
     unique mv codes:  3                          missing .*:  687/18819

              examples:  7
                         8
                         8
                         9

98 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

99 . gen lifsatgp=hlifesat
(687 missing values generated)

100 . replace lifsatgp=0 if hlifesat==1|hlifesat==2|hlifesat==3|hlifesat==4
(984 real changes made)
```

```
101 . replace lifsatgp=1 if hlifesat==5|hlifesat==6|hlifesat==7|hlifesat==8|hlifesat==9|hlifesa
    (17148 real changes made)

102 .
103 .
104 .
105 .
106 .
    end of do-file

107 . svytab accyn lifsatgp

    pweight:  weight2                         Number of obs      =     18132
    Strata:   pttype2                         Number of strata   =         9
    PSU:      sprptno                         Number of PSUs     =       398
    FPC:      Nh2                             Population size    =  18222.88
```

main: whether had accident or injury	lifsatgp 0	1	Total
No	.0451	.8746	.9197
Yes	.0046	.0757	.0803
Total	.0497	.9503	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = **2.1061**
Design-based F(1, 389) = **1.5803** P = **0.2095**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
108 . codebook fseemum
```

fseemum

```
                  type:  numeric (byte)
                 label:  fseemum

                 range:  [1,9]                        units:  1
           unique values:  9                      missing .:  0/18819
       unique mv codes:  2                      missing .*:  1402/18819

            tabulation:  Freq.   Numeric  Label
                         4387         1  every day
                         3295         2  3-6 times a week
                         3464         3  once or twice a week
                         1713         4  less often, but at least once a
                                         month
                         1749         5  once every few months
                          401         6  once a year
                          935         7  less than once a year
                          571         8  never
                          902         9  (lives with mother)
                         1394        .a  not applicable
                            8        .b  don't know
```

```
109 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

110 . gen cmumgp=fseemum
(1402 missing values generated)

111 . replace cmumgp=2 if fseemum==1|fseemum==2|fseemum==3
(7851 real changes made)

112 . replace cmumgp=1 if fseemum==4|fseemum==5
(3462 real changes made)

113 . replace cmumgp=0 if fseemum==6|fseemum==7|fseemum==8
(1907 real changes made)

114 .
end of do-file

115 . svytab accyn cmumgp

pweight:  weight2                         Number of obs      =     17417
Strata:   pttype2                         Number of strata   =         9
PSU:      sprptno                         Number of PSUs     =       398
FPC:      Nh2                             Population size    =  17362.84

------------------------------------------------------------
main:     |
whether   |
had       |
accident  |                cmumgp
or injury |         0         1         2         9     Total
----------+-------------------------------------------------
       No |     .0805     .2189     .5825     .0382     .9202
      Yes |     .0058     .0182     .0518      .004     .0798
          |
    Total |     .0863     .2371     .6343     .0422         1
------------------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(3)          =    6.7159
    Design-based  F(2.95, 1149.46)=    1.6142     P = 0.1851

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

116 . svytab accyn cmumgp if cmumgp<=2

pweight:  weight2                         Number of obs      =     16515
Strata:   pttype2                         Number of strata   =         9
PSU:      sprptno                         Number of PSUs     =       398
FPC:      Nh2                             Population size    =   16629.8

------------------------------------------------------
main:     |
whether   |
had       |
accident  |          cmumgp
or injury |         0         1         2     Total
----------+-------------------------------------------
       No |     .0841     .2286     .6082     .9209
      Yes |      .006      .019     .0541     .0791
          |
    Total |     .0901     .2476     .6623         1
------------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(2)          =    4.3443
    Design-based  F(1.98, 770.52)  =    1.6314     P = 0.1966

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
117 . codebook fseedad
```

fseedad

```
                  type:  numeric (byte)
                 label:  fseedad

                 range:  [1,9]                        units:  1
         unique values:  9                    missing .:  0/18819
     unique mv codes:  3                      missing .*:  3421/18819

          tabulation:  Freq.   Numeric  Label
                       2310         1  every day
                       2336         2  3-6 times a week
                       3349         3  once or twice a week
                       1920         4  less often, but at least once a
                                       month
                       1876         5  once every few months
                        580         6  once a year
                       1024         7  less than once a year
                       1471         8  never
                        532         9  (lives with father)
                       3410        .a  not applicable
                         10        .b  don't know
                          1        .c  refusal
```

```
118 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

119 . gen cdadgp=fseedad
    (3421 missing values generated)

120 . replace cdadgp=2 if fseedad==1|fseedad==2|fseedad==3
    (5659 real changes made)

121 . replace cdadgp=1 if fseedad==4|fseedad==5
    (3796 real changes made)

122 . replace cdadgp=0 if fseedad==6|fseedad==7|fseedad==8
    (3075 real changes made)

123 .
    end of do-file

124 . svytab accyn cdadgp if cdadgp<=2

    pweight:  weight2                          Number of obs      =     14866
    Strata:   pttype2                          Number of strata   =         9
    PSU:      sprptno                          Number of PSUs     =       398
    FPC:      Nh2                              Population size    =  15021.04
```

main: whether had accident or injury	cdadgp 0	1	2	Total
No	.1644	.276	.4801	.9206
Yes	.0153	.0233	.0408	.0794
Total	.1798	.2993	.5209	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(2)         =    1.5826
    Design-based  F(2.00, 776.46) =    0.5622     P = 0.5698

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
125 . codebook ffrends
```

---

ffrends

```
                  type:  numeric (byte)
                 label:  ffrends

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  25/18819

          tabulation:  Freq.   Numeric  Label
                        1855         1  every day
                        3239         2  3-6 times
                        8065         3  1-2 times
                        5120         4  not at all
                         515         5  no friends
                          22        .a  not applicable
                           2        .b  don't know
                           1        .c  refusal

126 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

127 . gen frenyn=ffrends
(25 missing values generated)

128 . replace frenyn=1 if ffrends==1|ffrends==2|ffrends==3
(11304 real changes made)

129 . replace frenyn=0 if ffrends==4|ffrends==5
(5635 real changes made)

130 .
end of do-file

131 . svytab accyn frenyn

pweight:  weight2                              Number of obs      =     18794
Strata:   pttype2                              Number of strata   =         9
PSU:      sprptno                              Number of PSUs     =       398
FPC:      Nh2                                  Population size    =  18651.97
```

main: whether had accident or injury	frenyn 0	1	Total
No	.2548	.6658	.9206
Yes	.0194	.0599	.0794
Total	.2743	.7257	1

Key: **cell proportions**

```
Pearson:
  Uncorrected   chi2(1)         =    6.9653
  Design-based  F(1, 389)       =    5.2223     P = 0.0228

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
132 . codebook jfinmng
```

---

jfinmng

```
                 type:  numeric (byte)
                label:  jfinmng

                range:  [1,5]                        units:  1
          unique values:  5                        missing .:  0/18819
      unique mv codes:  3                          missing .*:  58/18819

           tabulation:  Freq.   Numeric  Label
                         4349         1  ...living comfortably,
                         7046         2  doing alright,
                         5289         3  just about getting by,
                         1562         4  finding it quite difficult,
                          515         5  or, finding it very difficult?
                           37        .a  not applicable
                           11        .b  don't know
                           10        .c  refusal

133 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

134 . gen finyn=ffinmng
    ffinmng not found
    r(111);

    end of do-file
    r(111);

135 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

136 . gen finyn=jfinmng
    (58 missing values generated)

137 . replace finyn=1 if jfinmng==1|jfinmng==2|jfinmng==3
    (12335 real changes made)

138 . replace finyn=0 if jfinmng==4|jfinmng==5
    (2077 real changes made)

139 .
    end of do-file

140 . codebook finyn
```

---

finyn

```
                 type:  numeric (float)

                range:  [0,1]                        units:  1
          unique values:  2                        missing .:  0/18819
      unique mv codes:  3                          missing .*:  58/18819

           tabulation:  Freq.  Value
                        2077  0
                       16684  1
                          37  .a
                          11  .b
                          10  .c
```

```
141 . svytab accyn finyn

pweight:  weight2                                 Number of obs      =     18761
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18623.81
```

main: whether had accident or injury	finyn 0	finyn 1	Total
No	.093	.8275	.9206
Yes	.0096	.0699	.0794
Total	.1026	.8974	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 5.6790
  Design-based F(1, 389) = 4.6552 P = 0.0316

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
142 . codebook lchattn
```

lchattn

```
                  type:  numeric (byte)
                 label:  lchattn

                 range:  [1,4]                        units:  1
           unique values:  4                        missing .:  0/18819
       unique mv codes:  3                          missing .*:  8104/18819

            tabulation:  Freq.   Numeric  Label
                         2206          1  ...once a week or more,
                         1356          2  less often but at least once a
                                          month,
                         1886          3  sometimes, but less than once a
                                          month,
                         5267          4  or, very rarely or never?
                         8076         .a  not applicable
                           13         .b  don't know
                           15         .c  refusal

143 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

144 . gen churyn=lchattn
(8104 missing values generated)

145 . replace churyn=1 if lchattn==1|lchattn==2
(1356 real changes made)

146 . replace churyn=0 if lchattn==3|lchattn==4
(7153 real changes made)
```

```
147 .
    end of do-file

148 . svytab accyn churyn

    pweight:  weight2                         Number of obs      =     10715
    Strata:   pttype2                         Number of strata   =         9
    PSU:      sprptno                         Number of PSUs     =       398
    FPC:      Nh2                             Population size    =  10105.16
```

main: whether had accident or injury	churyn 0	churyn 1	Total
No	.6543	.2711	.9253
Yes	.0513	.0234	.0747
Total	.7055	.2945	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = **1.4383**
  Design-based F(1, 389) = **0.7676** P = **0.3815**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
149 . codebook hannoy

-------------------------------------------------------------------------------
hannoy
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hannoy

                 range:  [1,7]                        units:  1
         unique values:  7                        missing .:  0/18819
     unique mv codes:  3                      missing .*:  686/18819

          tabulation:  Freq.   Numeric  Label
                         116         1  ...almost all the time,
                         197         2  very frequently,
                         345         3  frequently,
                        3604         4  occasionally,
                        8444         5  very rarely,
                        5252         6  or never?
                         175         7  (can t say)
                         674        .a  not applicable
                           7        .b  don't know
                           5        .c  refusal

150 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

151 . gen annoyn=hannoy
    (686 missing values generated)

152 . replace annoyn=-8 if hannoy==7
    (175 real changes made)
```

```
153 . replace annoyn=1 if hannoy==1|hannoy==2|hannoy==3
    (542 real changes made)

154 . replace annoyn=0 if hannoy==4|hannoy==5|hannoy==6
    (17300 real changes made)

155 .
    end of do-file

156 . svytab accyn annoyn if annoyn>=0

    pweight:  weight2                         Number of obs      =     17958
    Strata:   pttype2                         Number of strata   =         9
    PSU:      sprptno                         Number of PSUs     =       398
    FPC:      Nh2                             Population size    =  18081.87

    ------------------------------------
    main:     |
    whether   |
    had       |
    accident  |       annoyn
    or injury |     0      1  Total
    ----------+-------------------------
           No |  .8903  .0294  .9197
          Yes |  .0776  .0027  .0803
              |
        Total |  .9679  .0321      1
    ------------------------------------
      Key:  cell proportions

      Pearson:
        Uncorrected   chi2(1)         =    0.1039
        Design-based  F(1, 389)       =    0.0774     P = 0.7810

    Finite population correction (FPC) assumes simple random sampling without
    replacement of PSUs within each stratum with no subsampling within PSUs.

157 . codebook hthinkb

    ------------------------------------------------------------------------------
    hthinkb
    ------------------------------------------------------------------------------

                    type:  numeric (byte)
                   label:  hthinkb

                   range:  [1,7]                        units:  1
             unique values:  7                        missing .:  0/18819
         unique mv codes:  3                          missing .*:  684/18819

              tabulation:  Freq.   Numeric  Label
                            8809         1  ...almost all the time,
                            4656         2  very frequently,
                            2985         3  frequently,
                            1207         4  occasionally,
                             147         5  very rarely,
                              50         6  or never?
                             281         7  (can t say)
                             674        .a  not applicable
                               7        .b  don't know
                               3        .c  refusal
```

```
158 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

159 . gen thnkbyn=hthinkb
(684 missing values generated)

160 . replace thnkbyn=-8 if hthinkb==7
(281 real changes made)

161 . replace thnkbyn=0 if hthinkb==1|hthinkb==2|hthinkb==3
(16450 real changes made)

162 . replace thnkbyn=1 if hthinkb==4|hthinkb==5|hthinkb==6
(1404 real changes made)

163 .
end of do-file

164 . svytab accyn thnkbyn if thnkbyn >=0

pweight:  weight2                         Number of obs      =     17854
Strata:   pttype2                         Number of strata   =         9
PSU:      sprptno                         Number of PSUs     =       398
FPC:      Nh2                             Population size    =  17997.83

------------------------------------------
main:     |
whether   |
had       |
accident  |       thnkbyn
or injury |     0       1   Total
----------+-------------------------------
       No |  .8385   .0809   .9194
      Yes |  .0747   .0059   .0806

    Total |  .9132   .0868       1
------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    3.6253
    Design-based  F(1, 389)       =    2.4606     P = 0.1175

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

165 . codebook hleaveb

-------------------------------------------------------------------------------
hleaveb
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hleaveb

                 range:  [1,6]                        units:  1
         unique values:  6                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  697/18819

           tabulation:  Freq.   Numeric  Label
                         3709         1  ...i always feel rather sad
                         4658         2  i often feel rather sad
                         7544         3  i have mixed feelings of both
                                         sadness an
                          574         4  i often feel rather relieved
                           50         5  i always feel rather relieved
                         1587         6  can t say
                          674        .a  not applicable
                           18        .b  don't know
                            5        .c  refusal
```

```
166 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

167 . gen lvbyn=hleaveb
(697 missing values generated)

168 . replace lvbyn=-8 if lvb==6
(1587 real changes made)

169 . replace lvbyn=1 if hleaveb==1|hleaveb==2|hleaveb==3
(12202 real changes made)

170 . replace lvbyn=0 if hleaveb==4|hleaveb==5
(624 real changes made)

171 .
end of do-file

172 . svytab accyn lvbyn if lvbyn >=0

pweight:  weight2                         Number of obs      =     16535
Strata:   pttype2                         Number of strata   =         9
PSU:      sprptno                         Number of PSUs     =       398
FPC:      Nh2                             Population size    =  16613.14

------------------------------------------
main:     |
whether   |
had       |
accident  |          lvbyn
or injury |       0       1   Total
----------+-------------------------------
       No |  .0335   .8847   .9182
      Yes |  .0032   .0786   .0818
          |
    Total |  .0367   .9633        1
------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    0.2604
    Design-based  F(1, 389)       =    0.1914     P = 0.6620

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

173 . codebook hcompet

-------------------------------------------------------------------------------
hcompet
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  hcompet

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  692/18819

            tabulation:  Freq.   Numeric  Label
                           370         1  ...very incompetent and lacking
                                          in confi
                           262         2  fairly incompetent and lacking
                                          in confid
                          4541         3  fairly competent and confident
                         12642         4  very competent and confident
                           312         5  can t say
                           674        .a  not applicable
                            14        .b  don't know
                             4        .c  refusal
```

```
174 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

175 . gen compyn=hcompet
(692 missing values generated)

176 . replace compyn=-8 if hcompet==5
(312 real changes made)

177 . replace compyn=0 if hcompet==1|hcompet==2
(632 real changes made)

178 . replace compyn=1 if hcompet==3|hcompet==3
(4541 real changes made)

179 .
end of do-file

180 . svytab accyn compyn if compyn >=0

pweight:  weight2                          Number of obs      =     17815
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =  17968.01
```

main: whether had accident or injury	compyn 0	1	4	Total
No	.0256	.2359	.6588	.9202
Yes	.002	.0251	.0527	.0798
Total	.0275	.261	.7115	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(2) = **23.4031**
Design-based F(1.90, 738.92) = **9.4502** P = **0.0001**

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

181 . codebook hpatien
```

hpatien

```
                  type:  numeric (byte)
                 label:  hpatien

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/18819
     unique mv codes:  3                          missing .*:  691/18819

          tabulation:  Freq.   Numeric  Label
                         718         1  ...i am very impatient
                         738         2  i am a bit impatient
                        7920         3  i am fairly patient
                        8503         4  i am extremely patient
                         249         5  can t say
                         674        .a  not applicable
                          13        .b  don't know
                           4        .c  refusal
```

```
182 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

183 . gen patyn=hpatien
(691 missing values generated)

184 . replace patyn=-8 if hpatien==5
(249 real changes made)

185 . replace patyn=0 if hpatien==1|hpatien==2
(1456 real changes made)

186 . replace patyn=1 if hpatien==3|hpatien==4
(16423 real changes made)

187 .
end of do-file

188 . svytab accyn patyn if patyn >=0

pweight:  weight2                              Number of obs      =     17879
Strata:   pttype2                              Number of strata   =         9
PSU:      sprptno                              Number of PSUs     =       398
FPC:      Nh2                                  Population size    =  18013.56
```

main: whether had accident or injury	patyn 0	patyn 1	Total
No	.0675	.8518	.9193
Yes	.0076	.0732	.0807
Total	.075	.925	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = **7.8986**
Design-based F(1, 389) = **5.3858** P = **0.0208**

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

189 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

190 . gen compyn2=hcompet
(692 missing values generated)

191 . replace compyn2=-8 if hcompet==5
(312 real changes made)

192 . replace compyn2=0 if hcompet==1|hpatien==2
(1087 real changes made)

193 . replace compyn2=1 if hcompet==3|hpatien==4
(11829 real changes made)

194 .
end of do-file
```

```
195 . svytab accyn compyn2 if compyn2 >=0

pweight:  weight2                                 Number of obs      =     17931
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18063.32
```

main: whether had accident or injury	compyn2 0	1	2	4	Total
No	.0266	.6099	.007	.2765	.92
Yes	.003	.0525	3.9e-04	.024	.08
Total	.0296	.6624	.0074	.3006	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(3) = 4.9121
Design-based F(2.91, 1130.69)= 1.3683 P = 0.2516

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
196 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

197 . gen compyn3=hcompet
(692 missing values generated)

198 . replace compyn3=-8 if hcompet==5
(312 real changes made)

199 . replace compyn3=0 if hcompet==1|hcompet==2
(632 real changes made)

200 . replace compyn3=1 if hcompet==3|hcompet==4
(17183 real changes made)

201 .
end of do-file

202 . svytab accyn compyn3 if compyn3 >=0

pweight:  weight2                                 Number of obs      =     17815
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17968.01
```

main: whether had accident or injury	compyn3 0	1	Total
No	.0256	.8947	.9202
Yes	.002	.0778	.0798
Total	.0275	.9725	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 0.5116
Design-based F(1, 389) = 0.3960 P = 0.5295

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
203 . codebook hgiveup
```

hgiveup

```
                  type:  numeric (byte)
                 label:  hgiveup

                 range:  [1,5]                        units:  1
         unique values:  5                    missing .:  0/18819
     unique mv codes:  3                      missing .*:  691/18819

          tabulation:  Freq.   Numeric  Label
                         204         1  ...i find that i resent it quite
                                        a lot
                         268         2  i find that i resent it a fair
                                        amount
                        2556         3  i find that i resent it a bit
                       14420         4  i don t resent it at all
                         680         5  can t say
                         674        .a  not applicable
                          11        .b  don't know
                           6        .c  refusal
```

```
204 . do "C:\DOCUME~1\THEBOS~1\LOCALS~1\Temp\STD00000000.tmp"

205 . gen resnyn=hgiveup
(691 missing values generated)

206 . replace resnyn=-8 if hgiveup==5
(680 real changes made)

207 . replace resnyn=0 if hgiveup==1|hgiveup==2
(472 real changes made)

208 . replace resnyn=1 if hgiveup==4|hgiveup==3
(16976 real changes made)

209 .
end of do-file

210 . svytab accyn resnyn if resnyn >=0

pweight:  weight2                              Number of obs      =     17448
Strata:   pttype2                              Number of strata   =         9
PSU:      sprptno                              Number of PSUs     =       398
FPC:      Nh2                                  Population size    =  17634.11
```

main: whether had accident or injury	resnyn 0	resnyn 1	Total
No	.0186	.901	.9196
Yes	.0016	.0788	.0804
Total	.0202	.9798	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.0066
  Design-based F(1, 389) = 0.0052 P = 0.9427

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
211 . log close
      log:  C:\Documents and Settings\The boss\Desktop\Al's MSc project data\Logs\Jul 25th
  log type:  smcl
 closed on:  25 Jul 2005, 11:42:12
```

```
      log:  C:\Documents and Settings\The boss\Desktop\Al's MSc project data\Logs\Jul 28th
  log type:  smcl
 opened on:  28 Jul 2005, 16:52:02

1 . svyprop htired

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     18158
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18244.23
------------------------------------------------------------------------------

Survey proportions estimation

------------------------------------------------------
htired |    Obs   Est. Prop.   Std. Err.
-------+----------------------------------------------
   yes |   8953     0.490299     0.005021
    no |   9205     0.509701     0.005021
------------------------------------------------------

2 . svyprop accyn, by (htired)

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     18158
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18244.23
------------------------------------------------------------------------------

Survey proportions estimation

-> htired=yes

------------------------------------------------------
accyn |    Obs   Est. Prop.   Std. Err.
------+-----------------------------------------------
   No |   8185     0.911826     0.003661
  Yes |    768     0.088174     0.003661
------------------------------------------------------

-> htired=no

------------------------------------------------------
accyn |    Obs   Est. Prop.   Std. Err.
------+-----------------------------------------------
   No |   8533     0.927330     0.003443
  Yes |    672     0.072670     0.003443
------------------------------------------------------

3 . svyprop hdepres

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     18155
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =   18239.6
------------------------------------------------------------------------------

Survey proportions estimation

------------------------------------------------------
hdepres |    Obs   Est. Prop.   Std. Err.
--------+---------------------------------------------
    yes |   2750     0.135329     0.003571
     no |  15405     0.864671     0.003571
------------------------------------------------------
```

```
4 . svyprop accyn, by (hdepres)

pweight:  weight2                                 Number of obs      =     18155
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =   18239.6

Survey proportions estimation

->  hdepres=yes

      accyn      Obs    Est. Prop.    Std. Err.
-------------------------------------------------
         No     2481      0.898377     0.007439
        Yes      269      0.101623     0.007439

->  hdepres=no

      accyn      Obs    Est. Prop.    Std. Err.
-------------------------------------------------
         No    14234      0.923046     0.002694
        Yes     1171      0.076954     0.002694

5 . svyprop hworry

pweight:  weight2                                 Number of obs      =     18159
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18238.65

Survey proportions estimation

     hworry      Obs    Est. Prop.    Std. Err.
-------------------------------------------------
        yes     8642      0.456617     0.005087
         no     9517      0.543383     0.005087

6 . svyprop accyn, by (hworry)

pweight:  weight2                                 Number of obs      =     18159
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18238.65

Survey proportions estimation

->  hworry=yes

      accyn      Obs    Est. Prop.    Std. Err.
-------------------------------------------------
         No     7861      0.907938     0.003842
        Yes      781      0.092062     0.003842

->  hworry=no
```

accyn	Obs	Est. Prop.	Std. Err.
No	8858	0.929590	0.003328
Yes	659	0.070410	0.003328

```
7 . svyprop hrage

pweight:  weight2                       Number of obs      =     18162
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18243.74

Survey proportions estimation
```

hrage	Obs	Est. Prop.	Std. Err.
yes	398	0.019023	0.001130
no	17764	0.980977	0.001130

```
8 . svyprop accyn, by (hrage)

pweight:  weight2                       Number of obs      =     18162
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18243.74

Survey proportions estimation

-> hrage=yes
```

accyn	Obs	Est. Prop.	Std. Err.
No	356	0.883792	0.018690
Yes	42	0.116208	0.018690

```
-> hrage=no
```

accyn	Obs	Est. Prop.	Std. Err.
No	16366	0.920423	0.002759
Yes	1398	0.079577	0.002759

```
9 . svyprop hscared

pweight:  weight2                       Number of obs      =     18163
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18245.49

Survey proportions estimation
```

hscared	Obs	Est. Prop.	Std. Err.
yes	1899	0.093056	0.002901
no	16264	0.906944	0.002901

```
10 . svyprop accyn, by (hscared)

pweight:  weight2                                 Number of obs      =     18163
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18245.49

Survey proportions estimation

->  hscared=yes
```

accyn	Obs	Est. Prop.	Std. Err.
No	1716	0.893201	0.008715
Yes	183	0.106799	0.008715

```
->  hscared=no
```

accyn	Obs	Est. Prop.	Std. Err.
No	15008	0.922493	0.002771
Yes	1256	0.077507	0.002771

```
11 . svyprop hupset

pweight:  weight2                                 Number of obs      =     18146
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =   18229.1

Survey proportions estimation
```

hupset	Obs	Est. Prop.	Std. Err.
yes	4383	0.231600	0.004063
no	13763	0.768400	0.004063

```
12 . svyprop accyn, by (hupset)

pweight:  weight2                                 Number of obs      =     18146
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =   18229.1

Survey proportions estimation

->  hupset=yes
```

accyn	Obs	Est. Prop.	Std. Err.
No	3961	0.901501	0.005906
Yes	422	0.098499	0.005906

```
->  hupset=no
```

accyn	Obs	Est. Prop.	Std. Err.
No	12745	0.925135	0.002850
Yes	1018	0.074865	0.002850

```
13 . svytab htense
variable htense not found
r(111);

14 . svytab hkeydup
too few variables specified
r(102);

15 . svyprop hkeydup

pweight:  weight2                       Number of obs      =     18111
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =   18203.4

Survey proportions estimation
```

hkeydup	Obs	Est. Prop.	Std. Err.
yes	1249	0.059174	0.002218
no	16862	0.940826	0.002218

```
16 . svyprop accyn, by (hkeydup)

pweight:  weight2                       Number of obs      =     18111
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =   18203.4

Survey proportions estimation

-> hkeydup=yes
```

accyn	Obs	Est. Prop.	Std. Err.
No	1119	0.887604	0.011903
Yes	130	0.112396	0.011903

```
-> hkeydup=no
```

accyn	Obs	Est. Prop.	Std. Err.
No	15558	0.921920	0.002817
Yes	1304	0.078080	0.002817

```
17 . svyprop hnerves
```

pweight:	weight2	Number of obs	= 18146
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18235.82

Survey proportions estimation

hnerves	Obs	Est. Prop.	Std. Err.
yes	1198	0.057787	0.002154
no	16948	0.942213	0.002154

```
18 . svyprop accyn, by (hnerves)
```

pweight:	weight2	Number of obs	= 18146
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18235.82

Survey proportions estimation

-> hnerves=yes

accyn	Obs	Est. Prop.	Std. Err.
No	1084	0.896261	0.010578
Yes	114	0.103739	0.010578

-> hnerves=no

accyn	Obs	Est. Prop.	Std. Err.
No	15622	0.921128	0.002779
Yes	1326	0.078872	0.002779

```
19 . svyprop hhrtrac
```

pweight:	weight2	Number of obs	= 18157
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18242.37

Survey proportions estimation

hhrtrac	Obs	Est. Prop.	Std. Err.
yes	1518	0.070664	0.002522
no	16639	0.929336	0.002522

```
20 . svyprop accyn, by (hhrtrac)

pweight:  weight2                       Number of obs      =     18157
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18242.37

Survey proportions estimation

-> hhrtrac=yes
```

accyn	Obs	Est. Prop.	Std. Err.
No	1363	0.891962	0.010284
Yes	155	0.108038	0.010284

```
-> hhrtrac=no
```

accyn	Obs	Est. Prop.	Std. Err.
No	15354	0.921831	0.002641
Yes	1285	0.078169	0.002641

```
21 . svyprop hselfsat

pweight:  weight2                       Number of obs      =     18145
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18236.35

Survey proportions estimation
```

hselfsat	Obs	Est. Prop.	Std. Err.
strongly agree	3609	0.186996	0.004123
agree	11791	0.659377	0.004818
disagree	2007	0.114665	0.003077
strongly disagree	274	0.015891	0.001265
can t say	464	0.023071	0.001329

```
22 . svyprop accyn, by (hselfsat)

pweight:  weight2                       Number of obs      =     18145
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18236.35

Survey proportions estimation

-> hselfsat=strongly agree
```

accyn	Obs	Est. Prop.	Std. Err.
No	3370	0.933656	0.005015
Yes	239	0.066344	0.005015

```
-> hselfsat=agree
```

accyn	Obs	Est. Prop.	Std. Err.
No	10860	0.919402	0.002994
Yes	931	0.080598	0.002994

-> hselfsat=disagree

accyn	Obs	Est. Prop.	Std. Err.
No	1813	0.908506	0.007406
Yes	194	0.091494	0.007406

-> hselfsat=strongly disagree

accyn	Obs	Est. Prop.	Std. Err.
No	242	0.863108	0.025333
Yes	32	0.136892	0.025333

-> hselfsat=can t say

accyn	Obs	Est. Prop.	Std. Err.
No	420	0.909419	0.015596
Yes	44	0.090581	0.015596

23 . svyprop hnogood

pweight:	weight2	Number of obs	= 18141
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18234.15

Survey proportions estimation

hnogood	Obs	Est. Prop.	Std. Err.
strongly agree	447	0.020928	0.001297
agree	3709	0.207478	0.003857
disagree	8685	0.483864	0.005224
strongly disagree	4567	0.253146	0.004886
can t say	733	0.034585	0.001683

24 . svyprop selfsatyn

pweight:	weight2	Number of obs	= 18145
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18236.35

Survey proportions estimation

selfsatyn	Obs	Est. Prop.	Std. Err.
-8	464	0.023071	0.001329
0	2281	0.130556	0.003399
1	15400	0.846373	0.003648

```
25 . svyprop accyn, by (selfsatyn)

pweight:  weight2                       Number of obs      =     18145
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18236.35

Survey proportions estimation

-> selfsatyn=-8

      accyn |      Obs   Est. Prop.   Std. Err.
------------+------------------------------------
         No |      420     0.909419     0.015596
        Yes |       44     0.090581     0.015596

-> selfsatyn=0

      accyn |      Obs   Est. Prop.   Std. Err.
------------+------------------------------------
         No |     2055     0.902980     0.007223
        Yes |      226     0.097020     0.007223

-> selfsatyn=1

      accyn |      Obs   Est. Prop.   Std. Err.
------------+------------------------------------
         No |    14230     0.922551     0.002772
        Yes |     1170     0.077449     0.002772

26 . svyprop igoodyn

pweight:  weight2                       Number of obs      =     18141
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18234.15

Survey proportions estimation

     igoodyn |      Obs   Est. Prop.   Std. Err.
-------------+------------------------------------
          -8 |      733     0.034585     0.001683
           0 |     4156     0.228405     0.003987
           1 |    13252     0.737010     0.004214

27 . svyprop accyn, by (igoodyn)

pweight:  weight2                       Number of obs      =     18141
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18234.15

Survey proportions estimation

-> igoodyn=-8
```

accyn	Obs	Est. Prop.	Std. Err.
No	682	0.930449	0.010443
Yes	51	0.069551	0.010443

-> igoodyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	3756	0.900614	0.006118
Yes	400	0.099386	0.006118

-> igoodyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	12264	0.925169	0.002962
Yes	988	0.074831	0.002962

```
28 . svyprop dowellyn
```

pweight:	weight2	Number of obs	= 18142
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18235.24

Survey proportions estimation

dowellyn	Obs	Est. Prop.	Std. Err.
-8	373	0.018548	0.001221
0	998	0.054916	0.002014
1	16771	0.926537	0.002439

```
29 . svyprop accyn, by (dowellyn)
```

pweight:	weight2	Number of obs	= 18142
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18235.24

Survey proportions estimation

-> dowellyn=-8

accyn	Obs	Est. Prop.	Std. Err.
No	345	0.931406	0.015312
Yes	28	0.068594	0.015312

-> dowellyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	919	0.919353	0.010480
Yes	79	0.080647	0.010480

-> dowellyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	15438	0.919474	0.002832
Yes	1333	0.080526	0.002832

30 . svyprop uselsyn

pweight:	weight2	Number of obs	= 18139
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18233.21

Survey proportions estimation

uselsyn	Obs	Est. Prop.	Std. Err.
-8	591	0.029259	0.001651
0	4500	0.247484	0.004024
1	13048	0.723258	0.004379

31 . svyprop accyn, by (uselsyn)

pweight:	weight2	Number of obs	= 18139
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18233.21

Survey proportions estimation

-> uselsyn=-8

accyn	Obs	Est. Prop.	Std. Err.
No	547	0.917316	0.013151
Yes	44	0.082684	0.013151

-> uselsyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	4076	0.905355	0.005385
Yes	424	0.094645	0.005385

-> uselsyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	12077	0.924759	0.003060
Yes	971	0.075241	0.003060

```
32 . svyprop efficlyn
variable efficlyn not found
r(111);

33 . svyprop heffic1 if heffic1>=0 & heffic1<=2
```

pweight:	weight2	Number of obs	= 15374
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15635.97

Survey proportions estimation

heffic1	Obs	Est. Prop.	Std. Err.
i never really seem to get what i want o	2021	0.113009	0.003595
i usually get what i want out of life	13353	0.886991	0.003595

```
34 . svyprop accyn, by (heffic1) if heffic1>=0 & heffic1<=2
option if not allowed
r(198);

35 . svyprop accyn, by (heffic1)
```

pweight:	weight2	Number of obs	= 18146
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18237.24

Survey proportions estimation

-> heffic1=i never really seem to get what i want o

accyn	Obs	Est. Prop.	Std. Err.
No	1814	0.893514	0.008867
Yes	207	0.106486	0.008867

-> heffic1=i usually get what i want out of life

accyn	Obs	Est. Prop.	Std. Err.
No	12338	0.922567	0.003029
Yes	1015	0.077433	0.003029

-> heffic1=can t say

accyn	Obs	Est. Prop.	Std. Err.
No	2555	0.922603	0.006048
Yes	217	0.077397	0.006048

```
36 . svyprop heffic2 if heffic2>=0 & heffic2<=2

pweight:  weight2                          Number of obs      =     15881
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =  16159.84

Survey proportions estimation
```

heffic2	Obs	Est. Prop.	Std. Err.
i usually have a free choice and control	13965	0.895205	0.003599
whatever i do has no real effect on what	1916	0.104795	0.003599

```
37 . svyprop accyn, by (heffic2)

pweight:  weight2                          Number of obs      =     18144
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =   18236.5

Survey proportions estimation

->  heffic2=i usually have a free choice and control
```

accyn	Obs	Est. Prop.	Std. Err.
No	12864	0.919564	0.002958
Yes	1101	0.080436	0.002958

```
->  heffic2=whatever i do has no real effect on what
```

accyn	Obs	Est. Prop.	Std. Err.
No	1741	0.907645	0.008135
Yes	175	0.092355	0.008135

```
->  heffic2=can t say
```

accyn	Obs	Est. Prop.	Std. Err.
No	2100	0.930952	0.006694
Yes	163	0.069048	0.006694

```
38 . svyprop accyn, by (heffic3) if heffic3>=0 & heffic3<=2
option if not allowed
r(198);

39 . svyprop heffic3 if heffic3>=0 & heffic3<=2

pweight:  weight2                          Number of obs      =     16473
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =   16726.2

Survey proportions estimation
```

heffic3	Obs	Est. Prop.	Std. Err.
usually i can run my life more or less a	15346	0.942875	0.002210
i usually find life s problems just too	1127	0.057125	0.002210

```
40 . svyprop accyn, by (heffic3)

pweight:  weight2                             Number of obs      =     18144
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18235.22

Survey proportions estimation

->  heffic3=usually i can run my life more or less a
```

accyn	Obs	Est. Prop.	Std. Err.
No	14132	0.920126	0.002816
Yes	1214	0.079874	0.002816

```
->  heffic3=i usually find life s problems just too
```

accyn	Obs	Est. Prop.	Std. Err.
No	1021	0.907062	0.010474
Yes	106	0.092938	0.010474

```
->  heffic3=can t say
```

accyn	Obs	Est. Prop.	Std. Err.
No	1552	0.923831	0.007851
Yes	119	0.076169	0.007851

```
41 . svyprop lifsatgp

pweight:  weight2                             Number of obs      =     18132
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18222.88

Survey proportions estimation
```

lifsatgp	Obs	Est. Prop.	Std. Err.
0	984	0.049737	0.002064
1	17148	0.950263	0.002064

```
42 . svyprop accyn, by (lifsatgp)

pweight:  weight2                       Number of obs      =     18132
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18222.88

Survey proportions estimation

->  lifsatgp=0
```

accyn	Obs	Est. Prop.	Std. Err.
No	898	0.906891	0.011464
Yes	86	0.093109	0.011464

```
->  lifsatgp=1
```

accyn	Obs	Est. Prop.	Std. Err.
No	15795	0.920364	0.002720
Yes	1353	0.079636	0.002720

```
43 . svyprop annoyn

pweight:  weight2                       Number of obs      =     18133
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18216.45

Survey proportions estimation
```

annoyn	Obs	Est. Prop.	Std. Err.
-8	175	0.007388	0.000699
0	17300	0.960781	0.001847
1	658	0.031831	0.001693

```
44 . svyprop accyn, by (annoyn)

pweight:  weight2                       Number of obs      =     18133
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18216.45

Survey proportions estimation

->  annoyn=-8
```

accyn	Obs	Est. Prop.	Std. Err.
No	167	0.919899	0.029500
Yes	8	0.080101	0.029500

```
->  annoyn=0
```

accyn	Obs	Est. Prop.	Std. Err.
No	15920	0.919843	0.002779
Yes	1380	0.080157	0.002779

-> annoyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	608	0.916133	0.013401
Yes	50	0.083867	0.013401

```
45 . svyprop thinkb
variable thinkb not found
r(111);
```

```
46 . svyprop thnkbyn
```

```
pweight:  weight2                          Number of obs      =     18135
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =  18217.05
```

Survey proportions estimation

thnkbyn	Obs	Est. Prop.	Std. Err.
-8	281	0.012034	0.001263
0	16450	0.902230	0.003376
1	1404	0.085736	0.003046

```
47 . svyprop accyn, by (thnkbyn)
```

```
pweight:  weight2                          Number of obs      =     18135
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =  18217.05
```

Survey proportions estimation

-> thnkbyn=-8

accyn	Obs	Est. Prop.	Std. Err.
No	264	0.939285	0.015825
Yes	17	0.060715	0.015825

-> thnkbyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	15122	0.918234	0.002878
Yes	1328	0.081766	0.002878

-> thnkbyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	1310	0.932011	0.007748
Yes	94	0.067989	0.007748

```
48 . svyprop lvbyn
```

```
pweight:  weight2                          Number of obs      =     18122
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =  18207.46
```

Survey proportions estimation

lvbyn	Obs	Est. Prop.	Std. Err.
-8	1587	0.087564	0.002840
0	624	0.033489	0.001841
1	15911	0.878947	0.003408

```
49 . svyprop accyn, by (lvbyn)
```

```
pweight:  weight2                          Number of obs      =     18122
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =  18207.46
```

Survey proportions estimation

-> lvbyn=-8

accyn	Obs	Est. Prop.	Std. Err.
No	1486	0.934405	0.007740
Yes	101	0.065595	0.007740

-> lvbyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	574	0.912636	0.013630
Yes	50	0.087364	0.013630

-> lvbyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	14623	0.918420	0.002810
Yes	1288	0.081580	0.002810

```
50 . svyprop lvbyn patyn
```

pweight:	weight2	Number of obs	= 18117
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18204.29

Survey proportions estimation

lvbyn	patyn	Obs	Est. Prop.	Std. Err.
-8	-8	48	0.002298	0.000437
-8	0	100	0.004940	0.000567
-8	1	1438	0.080282	0.002872
0	-8	13	0.000438	0.000166
0	0	88	0.004489	0.000592
0	1	522	0.028547	0.001739
1	-8	188	0.008267	0.000786
1	0	1266	0.064727	0.002171
1	1	14454	0.806013	0.004037

```
51 . svyprop patyn
```

pweight:	weight2	Number of obs	= 18128
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18213.86

Survey proportions estimation

patyn	Obs	Est. Prop.	Std. Err.
-8	249	0.010997	0.000910
0	1456	0.074193	0.002370
1	16423	0.914809	0.002585

```
52 . svyprop accyn, by (patyn)
```

pweight:	weight2	Number of obs	= 18128
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18213.86

Survey proportions estimation

-> patyn=-8

accyn	Obs	Est. Prop.	Std. Err.
No	239	0.958163	0.015587
Yes	10	0.041837	0.015587

-> patyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	1328	0.899182	0.010212
Yes	128	0.100818	0.010212

-> patyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	15123	0.920917	0.002743
Yes	1300	0.079083	0.002743

53 . svyprop compyn3

pweight:	weight2	Number of obs	= 18127
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18211.21

Survey proportions estimation

compyn3	Obs	Est. Prop.	Std. Err.
-8	312	0.013354	0.001018
0	632	0.027143	0.001545
1	17183	0.959503	0.002059

54 . svyprop accyn, by (compyn3)

pweight:	weight2	Number of obs	= 18127
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18211.21

Survey proportions estimation

-> compyn3=-8

accyn	Obs	Est. Prop.	Std. Err.
No	280	0.886266	0.020294
Yes	32	0.113734	0.020294

-> compyn3=0

accyn	Obs	Est. Prop.	Std. Err.
No	586	0.928849	0.013545
Yes	46	0.071151	0.013545

-> compyn3=1

accyn	Obs	Est. Prop.	Std. Err.
No	15824	0.919971	0.002739
Yes	1359	0.080029	0.002739

```
55 . svyprop resnyn

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     18128
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18213.86
------------------------------------------------------------------------------

Survey proportions estimation
```

resnyn	Obs	Est. Prop.	Std. Err.
-8	680	0.031830	0.001728
0	472	0.019569	0.001461
1	16976	0.948601	0.002607

```
56 . svyprop accyn, by (resnyn)

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     18128
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18213.86
------------------------------------------------------------------------------

Survey proportions estimation

-> resnyn=-8
```

accyn	Obs	Est. Prop.	Std. Err.
No	632	0.922018	0.013185
Yes	48	0.077982	0.013185

```
-> resnyn=0
```

accyn	Obs	Est. Prop.	Std. Err.
No	443	0.920798	0.015860
Yes	29	0.079202	0.015860

```
-> resnyn=1
```

accyn	Obs	Est. Prop.	Std. Err.
No	15615	0.919614	0.002747
Yes	1361	0.080386	0.002747

```
57 . svyprop osharyn
variable osharyn not found
r(111);

58 . svyprop nosharyn

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     18158
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18244.31
------------------------------------------------------------------------------

Survey proportions estimation
```

nosharyn	Obs	Est. Prop.	Std. Err.
-8	351	0.015856	0.001146
0	3394	0.165147	0.003840
1	14413	0.818997	0.004318

59 . svyprop accyn, by (nosharyn)

pweight:	weight2	Number of obs	= 18158
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18244.31

Survey proportions estimation

-> nosharyn=-8

accyn	Obs	Est. Prop.	Std. Err.
No	330	0.938021	0.014215
Yes	21	0.061979	0.014215

-> nosharyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	3097	0.910222	0.006204
Yes	297	0.089778	0.006204

-> nosharyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	13291	0.921291	0.002908
Yes	1122	0.078709	0.002908

60 . svyprop hpartlkyn

pweight:	weight2	Number of obs	= 18158
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18244.45

Survey proportions estimation

hpartlkyn	Obs	Est. Prop.	Std. Err.
-8	450	0.020504	0.001424
0	3515	0.178328	0.004101
1	14193	0.801167	0.004515

```
61 . svyprop accyn, by (hpartlkyn)
```

pweight:	weight2	Number of obs	= 18158
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18244.45

Survey proportions estimation

-> hpartlkyn=-8

accyn	Obs	Est. Prop.	Std. Err.
No	422	0.923815	0.015556
Yes	28	0.076185	0.015556

-> hpartlkyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	3207	0.909836	0.005824
Yes	308	0.090164	0.005824

-> hpartlkyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	13089	0.921827	0.002909
Yes	1104	0.078173	0.002909

```
62 . svyprop famhlpyn
```

pweight:	weight2	Number of obs	= 18156
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18242.99

Survey proportions estimation

famhlpyn	Obs	Est. Prop.	Std. Err.
-8	424	0.019860	0.001213
0	1252	0.066712	0.002443
1	16480	0.913428	0.002736

```
63 . svyprop accyn, by (famhlpyn)
```

pweight:	weight2	Number of obs	= 18156
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18242.99

Survey proportions estimation

-> famhlpyn=-8

accyn	Obs	Est. Prop.	Std. Err.
No	385	0.900196	0.016551
Yes	39	0.099804	0.016551

-> famhlpyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	1138	0.911283	0.009882
Yes	114	0.088717	0.009882

-> famhlpyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	15193	0.920764	0.002822
Yes	1287	0.079236	0.002822

64 . svyprop haprelgp

pweight:	weight2	Number of obs	= 14645
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15387.3

Survey proportions estimation

haprelgp	Obs	Est. Prop.	Std. Err.
0	735	0.049756	0.002324
1	1608	0.109822	0.003114
2	12302	0.840422	0.003676

65 . svyprop accyn, by (haprelgp)

pweight:	weight2	Number of obs	= 14645
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15387.3

Survey proportions estimation

-> haprelgp=0

accyn	Obs	Est. Prop.	Std. Err.
No	688	0.929559	0.010302
Yes	47	0.070441	0.010302

-> haprelgp=1

accyn	Obs	Est. Prop.	Std. Err.
No	1465	0.918076	0.007429
Yes	143	0.081924	0.007429

-> haprelgp=2

accyn	Obs	Est. Prop.	Std. Err.
No	11379	0.922042	0.003319
Yes	923	0.077958	0.003319

66 . svyprop hforce

pweight:	weight2	Number of obs	= 14652
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15397.41

Survey proportions estimation

hforce	Obs	Est. Prop.	Std. Err.
yes	494	0.034990	0.001718
no	13766	0.940955	0.002491
don t want to answer	392	0.024055	0.001652

67 . svyprop accyn, by (hforce)

pweight:	weight2	Number of obs	= 14652
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15397.41

Survey proportions estimation

-> hforce=yes

accyn	Obs	Est. Prop.	Std. Err.
No	441	0.896854	0.015616
Yes	53	0.103146	0.015616

-> hforce=no

accyn	Obs	Est. Prop.	Std. Err.
No	12736	0.923078	0.002930
Yes	1030	0.076922	0.002930

-> hforce=don t want to answer

accyn	Obs	Est. Prop.	Std. Err.
No	362	0.917735	0.016234
Yes	30	0.082265	0.016234

```
68 . svyprop freneiyn
```

pweight:	weight2	Number of obs	= 18162
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18243.6

Survey proportions estimation

freneiyn	Obs	Est. Prop.	Std. Err.
-8	463	0.023491	0.001411
0	517	0.026262	0.001499
1	17182	0.950247	0.002253

```
69 . svyprop cmumgp
```

pweight:	weight2	Number of obs	= 17417
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 17362.84

Survey proportions estimation

cmumgp	Obs	Est. Prop.	Std. Err.
0	1907	0.086317	0.005109
1	3462	0.237142	0.009438
2	11146	0.634322	0.011686
9	902	0.042219	0.001957

```
70 . svyprop frenyn
```

pweight:	weight2	Number of obs	= 18794
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18651.97

Survey proportions estimation

frenyn	Obs	Est. Prop.	Std. Err.
0	5635	0.274291	0.006656
1	13159	0.725709	0.006656

```
71 . svyprop accyn, by (frenyn)
```

pweight:	weight2	Number of obs	= 18794
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18651.97

Survey proportions estimation

-> frenyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	5238	0.929096	0.004003
Yes	397	0.070904	0.004003

-> frenyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	12091	0.917432	0.003269
Yes	1068	0.082568	0.003269

72 . svyprop finyn

pweight:	weight2	Number of obs	= 18761
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18623.81

Survey proportions estimation

finyn	Obs	Est. Prop.	Std. Err.
0	2077	0.102624	0.003312
1	16684	0.897376	0.003312

73 . svyprop accyn, by (finyn)

pweight:	weight2	Number of obs	= 18761
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 18623.81

Survey proportions estimation

-> finyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	1900	0.906658	0.007597
Yes	177	0.093342	0.007597

-> finyn=1

accyn	Obs	Est. Prop.	Std. Err.
No	15397	0.922161	0.002741
Yes	1287	0.077839	0.002741

```
74 . svyprop churyn
```

pweight:	weight2	Number of obs	= 10715
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 10105.16

Survey proportions estimation

churyn	Obs	Est. Prop.	Std. Err.
0	7153	0.705533	0.009483
1	3562	0.294467	0.009483

```
75 . svyprop accyn, by (churyn)
```

pweight:	weight2	Number of obs	= 10715
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 10105.16

Survey proportions estimation

-> churyn=0

accyn	Obs	Est. Prop.	Std. Err.
No	6642	0.927316	0.004357
Yes	511	0.072684	0.004357

-> churyn=1

```
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash dri
  log type:  smcl
 opened on:   9 Aug 2005, 11:04:08

 1 . codebook acchosp
variable acchosp not found
r(111);

 2 . gen acchosp=accyn

 3 . recode acchosp 1=0
(acchosp: 1485 changes made)

 4 . replace acchosp=1 if accyn==1 & daccc==3 | daccc2==3 | daccc3==3
(96 real changes made)

 5 . label variable acchosp "whether admitted to hospital"

 6 . label define acchosp -8 "don't know" -1 "not applicable" 0 "No" 1 "Yes"

 7 . label values acchosp acchosp

 8 . tab acchosp

    whether
admitted to
   hospital |      Freq.     Percent        Cum.
------------+-----------------------------------
         No |     18,723       99.49       99.49
        Yes |         96        0.51      100.00
------------+-----------------------------------
      Total |     18,819      100.00

 9 . tab accyn

main: whether
had accident
   or injury |      Freq.     Percent        Cum.
-------------+-----------------------------------
          No |     17,334       92.11       92.11
         Yes |      1,485        7.89      100.00
-------------+-----------------------------------
       Total |     18,819      100.00

10 . svytab acchosp gdepres

pweight:  weight2                       Number of obs      =     18794
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  18650.69

           |
whether    |
admitted   |
to         |      main:depression
hospital   |       yes        no     Total
-----------+---------------------------------
        No |    .2402      .755     .9952
       Yes |    .0014     .0034     .0048
           |
     Total |    .2416     .7584         1
-----------+---------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    1.3677
    Design-based  F(1, 389)       =    1.1244     P = 0.2896

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
11 . svytab acchosp glongil

pweight:  weight2                                 Number of obs      =     18791
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18646.16
```

whether admitted to hospital	main:longstanding illness yes	no	Total
No	.2119	.7833	.9952
Yes	.0018	.003	.0048
Total	.2137	.7863	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 15.0954
  Design-based F(1, 389) = 10.6510 P = 0.0012

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
12 . svytab acchosp glowsad

pweight:  weight2                                 Number of obs      =     18755
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18614.86
```

whether admitted to hospital	main:felt low or sad yes	no	Total
No	.3243	.6709	.9952
Yes	.0022	.0026	.0048
Total	.3265	.6735	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 7.6023
  Design-based F(1, 389) = 5.6938 P = 0.0175

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
13 . svytab acchosp htired

pweight:  weight2                                 Number of obs      =     18158
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18244.23
```

whether admitted to hospital	main:tired most of time yes	no	Total
No	.4881	.507	.9952
Yes	.0022	.0027	.0048
Total	.4903	.5097	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =    0.5858
    Design-based  F(1, 389)       =    0.4678     P = 0.4944

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
14 . svytab acchosp hdepres

pweight:  weight2                             Number of obs      =     18155
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =   18239.6
```

whether admitted to hospital	main:often miserable or depressed		
	yes	no	Total
No	.1344	.8607	.9952
Yes	9.1e-04	.0039	.0048
Total	.1353	.8647	1

```
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    2.0330
    Design-based  F(1, 389)       =    1.8499     P = 0.1746

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
15 . svytab acchosp hworry

pweight:  weight2                             Number of obs      =     18159
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18238.65
```

whether admitted to hospital	main:often worried about things		
	yes	no	Total
No	.4535	.5416	.9952
Yes	.0031	.0017	.0048
Total	.4566	.5434	1

```
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =   12.2527
    Design-based  F(1, 389)       =    8.9025     P = 0.0030

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
16 . svytab acchosp hrage

pweight:  weight2                             Number of obs      =     18162
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18243.74
```

whether admitted to hospital	main:often gets in violent rage		
	yes	no	Total
No	.019	.9761	.9952
Yes	0	.0048	.0048
Total	.019	.981	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 1.7151
Design-based F(1, 389) = 1.3183 P = 0.2516

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

17 . svytab acchosp hscared

pweight: weight2 Number of obs = 18163
Strata: pttype2 Number of strata = 9
PSU: sprptno Number of PSUs = 398
FPC: Nh2 Population size = 18245.49

whether admitted to hospital	main:suddenly scared for no good reason		
	yes	no	Total
No	.0924	.9027	.9952
Yes	6.1e-04	.0042	.0048
Total	.0931	.9069	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 1.1595
Design-based F(1, 389) = 0.5773 P = 0.4478

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

18 . svytab acchosp hupset

pweight: weight2 Number of obs = 18146
Strata: pttype2 Number of strata = 9
PSU: sprptno Number of PSUs = 398
FPC: Nh2 Population size = 18229.1

whether admitted to hospital	main:easily upset or irritated		
	yes	no	Total
No	.2297	.7655	.9952
Yes	.0019	.0029	.0048
Total	.2316	.7684	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 13.6902
Design-based F(1, 389) = 11.5649 P = 0.0007

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
19 . svytab acchosp hkeydup

pweight:  weight2                                 Number of obs      =     18111
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =   18203.4
```

whether admitted to hospital	main:constantly keyed up or jittery		
	yes	no	Total
No	.0587	.9364	.9951
Yes	4.6e-04	.0044	.0049
Total	.0592	.9408	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 2.0391
  Design-based F(1, 389) = 1.6593 P = 0.1985

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
20 . svytab acchosp hnerves

pweight:  weight2                                 Number of obs      =     18146
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18235.82
```

whether admitted to hospital	main:every little thing gets on nerves		
	yes	no	Total
No	.0573	.9379	.9952
Yes	4.9e-04	.0044	.0048
Total	.0578	.9422	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 3.0966
  Design-based F(1, 389) = 2.0085 P = 0.1572

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
21 . svytab acchosp hhrtrace
variable hhrtrace not found
r(111);

22 . svytab acchosp hhrtrac

pweight:  weight2                                 Number of obs      =     18157
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18242.37
```

whether admitted to hospital	main:heart often races like mad		
	yes	no	Total
No	.07	.9251	.9952
Yes	6.1e-04	.0042	.0048
Total	.0707	.9293	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 4.2425
Design-based F(1, 389) = 1.6176 P = 0.2042

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
23 . svytab acchosp selfsatyn
```

pweight: weight2 Number of obs = 18145
Strata: pttype2 Number of strata = 9
PSU: sprptno Number of PSUs = 398
FPC: Nh2 Population size = 18236.35

whether admitted to hospital	selfsatyn			
	-8	0	1	Total
No	.0229	.1294	.8428	.9952
Yes	1.4e-04	.0012	.0036	.0048
Total	.0231	.1306	.8464	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(2) = 9.3871
Design-based F(1.70, 659.47) = 3.6440 P = 0.0336

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
24 . svytab acchosp igoodyn
```

pweight: weight2 Number of obs = 18141
Strata: pttype2 Number of strata = 9
PSU: sprptno Number of PSUs = 398
FPC: Nh2 Population size = 18234.15

whether admitted to hospital	igoodyn			
	-8	0	1	Total
No	.0345	.2261	.7345	.9952
Yes	8.0e-05	.0023	.0025	.0048
Total	.0346	.2284	.737	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(2) = 30.1178
Design-based F(1.82, 709.50) = 11.7771 P = 0.0000

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
25 . svytab acchosp selfsatyn if selfsatyn <=0

pweight:  weight2                                 Number of obs      =      2745
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       383
FPC:      Nh2                                     Population size    =   2801.59
```

whether admitted to hospital	selfsatyn -8	0	Total
No	.1493	.8423	.9916
Yes	9.1e-04	.0075	.0084
Total	.1502	.8498	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.3342
  Design-based F(1, 374) = 0.3778 P = 0.5392

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
26 . svytab acchosp selfsatyn if selfsatyn >=0

pweight:  weight2                                 Number of obs      =     17681
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17815.62
```

whether admitted to hospital	selfsatyn 0	1	Total
No	.1325	.8627	.9952
Yes	.0012	.0036	.0048
Total	.1336	.8664	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 9.2914
  Design-based F(1, 389) = 5.1078 P = 0.0244

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
27 . svytab acchosp selfsatyn if igoodyn >=0

pweight:  weight2                                 Number of obs      =     17412
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17605.73
```

whether admitted to hospital	selfsatyn -8	0	1	Total
No	.018	.1291	.848	.9951
Yes	1.4e-04	.0012	.0036	.0049
Total	.0181	.1303	.8516	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(2)         =   10.5123
    Design-based  F(1.70, 661.78) =    4.1055     P = 0.0224

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
28 . svytab acchosp igoodyn if igoodyn >=0

pweight:  weight2                             Number of obs      =     17408
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17603.53
```

whether admitted to hospital	igoodyn 0	1	Total
No	.2342	.7608	.9951
Yes	.0024	.0026	.0049
Total	.2366	.7634	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =   28.5453
    Design-based  F(1, 389)       =   17.1796     P = 0.0000

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
29 . svytab acchosp dowellyn if dowellyn >=0

pweight:  weight2                             Number of obs      =     17769
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17897.02
```

whether admitted to hospital	dowellyn 0	1	Total
No	.0555	.9397	.9952
Yes	4.8e-04	.0043	.0048
Total	.056	.944	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =    3.1638
    Design-based  F(1, 389)       =    2.1747     P = 0.1411

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
30 . svytab acchosp uselsyn if uselsyn >=0

pweight:  weight2                             Number of obs      =     17548
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17699.73
```

whether admitted to hospital	uselsyn 0	1	Total
No	.2531	.7421	.9952
Yes	.0019	.003	.0048
Total	.2549	.7451	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 7.5934
Design-based F(1, 389) = 6.8316 P = 0.0093

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
31 . svytab acchosp efficlyn if efficlyn >=0
variable efficlyn not found
r(111);

32 . codebook heffic1
```

heffic1

type: numeric (**byte**)
label: **heffic1**

range: [1,3] units: 1
unique values: 3 missing .: 0/18819
unique mv codes: 3 missing .*: 673/18819

tabulation:	Freq.	Numeric	Label
	2021	1	i never really seem to get what i want o
	13353	2	i usually get what i want out of life
	2772	3	can t say
	649	.a	not applicable
	17	.b	don't know
	7	.c	refusal

```
33 . svytab acchosp heffic1 if heffic1<=2
```

pweight: weight2 Number of obs = 15374
Strata: pttype2 Number of strata = 9
PSU: sprptno Number of PSUs = 398
FPC: Nh2 Population size = 15635.97

whether admitted to hospital	main:gets what wants out of life i never	i usuall	Total
No	.1121	.8832	.9954
Yes	8.8e-04	.0038	.0046
Total	.113	.887	1

Key: **cell proportions**

Pearson:
Uncorrected chi2(1) = 4.2419
Design-based F(1, 389) = 3.5798 P = 0.0592

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
34 . svytab acchosp heffic2 if heffic2 <=2

pweight:  weight2                                 Number of obs      =     15881
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  16159.84
```

whether admitted to hospital	main:control over life i usuall	whatever	Total
No	.8915	.1038	.9953
Yes	.0037	.001	.0047
Total	.8952	.1048	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 10.5028
  Design-based F(1, 389) = 6.7341 P = 0.0098

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
35 . svytab acchosp heffic3 if heffic3 <=2

pweight:  weight2                                 Number of obs      =     16473
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =   16726.2
```

whether admitted to hospital	main:can run own life usually	i usuall	Total
No	.9388	.0566	.9955
Yes	.004	4.9e-04	.0045
Total	.9429	.0571	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 3.5670
  Design-based F(1, 389) = 2.5463 P = 0.1114

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
36 . codebook lifesatgp
variable lifesatgp not found
r(111);

37 . do "C:\DOCUME~1\spkajdc\LOCALS~1\Temp\STD00000000.tmp"

38 . gen lifsatgp=hlifesat
lifsatgp already defined
r(110);

end of do-file
r(110);
```

```
39 . codebook lifsatgp
```

lifsatgp

```
                  type:  numeric (float)

                 range:  [0,1]                        units:  1
           unique values:  2                    missing .:  0/18819
       unique mv codes:  3                      missing .*:  687/18819

            tabulation:  Freq.  Value
                           984  0
                         17148  1
                           650  .a
                            27  .b
                            10  .c
```

```
40 . svytab acchosp lifsatgp

pweight:  weight2                                 Number of obs      =     18132
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18222.88
```

whether admitted to hospital	lifsatgp 0	1	Total
No	.0494	.9458	.9951
Yes	3.8e-04	.0045	.0049
Total	.0497	.9503	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 1.6334
  Design-based F(1, 389) = 1.1602 P = 0.2821

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
41 . svytab acchosp annoyn if annoyn >=0

pweight:  weight2                                 Number of obs      =     17958
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18081.87
```

whether admitted to hospital	annoyn 0	1	Total
No	.9633	.0319	.9951
Yes	.0047	2.2e-04	.0049
Total	.9679	.0321	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.4393
  Design-based F(1, 389) = 0.3302 P = 0.5659

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
42 . svytab acchosp thnkbyn if thnkbyn >=0

pweight:  weight2                                 Number of obs      =     17854
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17997.83
```

whether admitted to hospital	thnkbyn 0	1	Total
No	.9088	.0863	.9951
Yes	.0044	4.6e-04	.0049
Total	.9132	.0868	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.0676
  Design-based F(1, 389) = 0.0427 P = 0.8364

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
43 . svytab acchosp lvbyn if lvbyn >=0

pweight:  weight2                                 Number of obs      =     16535
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  16613.14
```

whether admitted to hospital	lvbyn 0	1	Total
No	.0366	.9586	.9951
Yes	1.5e-04	.0047	.0049
Total	.0367	.9633	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.1008
  Design-based F(1, 389) = 0.1038 P = 0.7474

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
44 . svytab acchosp compyn if compyn >=0

pweight:  weight2                                 Number of obs      =     17815
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17968.01
```

whether admitted to hospital	compyn 0	1	4	Total
No	.0273	.2594	.7086	.9952
Yes	2.4e-04	.0016	.0029	.0048
Total	.0275	.261	.7115	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(2)         =    4.8989
    Design-based  F(1.92, 745.46) =    1.5023     P = 0.2239

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

45 . svytab acchosp patyn if patyn >=0

pweight:  weight2                             Number of obs      =     17879
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  18013.56
```

whether admitted to hospital	patyn 0	1	Total
No	.0746	.9206	.9952
Yes	4.0e-04	.0044	.0048
Total	.075	.925	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =    0.0894
    Design-based  F(1, 389)       =    0.0709     P = 0.7902

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

46 . svytab acchosp compyn3 if compyn3 >=0

pweight:  weight2                             Number of obs      =     17815
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17968.01
```

whether admitted to hospital	compyn3 0	1	Total
No	.0273	.968	.9952
Yes	2.4e-04	.0045	.0048
Total	.0275	.9725	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =    1.5190
    Design-based  F(1, 389)       =    0.9571     P = 0.3285

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

47 . svytab acchosp resyn if resyn >=0
variable resyn not found
r(111);
```

```
48 . svytab acchosp resnyn if resnyn >=0

pweight:  weight2                                 Number of obs      =     17448
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17634.11
```

whether admitted to hospital	resnyn 0	1	Total
No	.0201	.9752	.9952
Yes	1.3e-04	.0046	.0048
Total	.0202	.9798	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.1692
  Design-based F(1, 389) = 0.0988 P = 0.7534

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
49 . svytab acchosp nosharyn if nosharyn >=0

pweight:  weight2                                 Number of obs      =     17807
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17955.02
```

whether admitted to hospital	nosharyn 0	1	Total
No	.1666	.8286	.9952
Yes	.0012	.0036	.0048
Total	.1678	.8322	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 4.0550
  Design-based F(1, 389) = 2.4248 P = 0.1202

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
50 . svytab acchosp hpartlkyn if hpartlkyn>=0

pweight:  weight2                                 Number of obs      =     17708
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17870.36
```

whether admitted to hospital	hpartlkyn 0	1	Total
No	.1806	.8146	.9952
Yes	.0015	.0033	.0048
Total	.1821	.8179	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =    9.3904
    Design-based  F(1, 389)       =    7.2802     P = 0.0073

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

51 . svytab acchosp hpartlkyn if hpartlkyn>=0

pweight:  weight2                             Number of obs      =     17708
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17870.36

------------------------------------
whether   |
admitted  |
to        |       hpartlkyn
hospital  |         0        1    Total
----------+-------------------------
       No |    .1806    .8146    .9952
      Yes |    .0015    .0033    .0048
          |
    Total |    .1821    .8179        1
------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    9.3904
    Design-based  F(1, 389)       =    7.2802     P = 0.0073

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

52 . svytab acchosp famhlpyn if famhlpyn >=0

pweight:  weight2                             Number of obs      =     17732
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17880.68

------------------------------------
whether   |
admitted  |
to        |       famhlpyn
hospital  |         0        1    Total
----------+-------------------------
       No |    .0674    .9278    .9952
      Yes |  6.5e-04    .0042    .0048
          |
    Total |    .0681    .9319        1
------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    6.0875
    Design-based  F(1, 389)       =    4.0646     P = 0.0445

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

53 . svytab acchosp haprelgp

pweight:  weight2                             Number of obs      =     14645
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =   15387.3
```

whether admitted to hospital	haprelgp 0	1	2	Total
No	.0493	.1094	.8365	.9952
Yes	4.6e-04	4.2e-04	.004	.0048
Total	.0498	.1098	.8404	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(2) = 3.3635
  Design-based F(1.99, 775.78) = 1.0988 P = 0.3337

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
54 . svytab acchosp hforce if hforce<=2
```

pweight: weight2 Number of obs = 14260
Strata: pttype2 Number of strata = 9
PSU: sprptno Number of PSUs = 398
FPC: Nh2 Population size = 15027.02

whether admitted to hospital	main:partner ever used force yes	no	Total
No	.0358	.9597	.9955
Yes	9.7e-05	.0044	.0045
Total	.0359	.9641	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.3899
  Design-based F(1, 389) = 1.1457 P = 0.2851

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
55 . svytab acchosp freneiyn if freneiyn>=0
```

pweight: weight2 Number of obs = 17699
Strata: pttype2 Number of strata = 9
PSU: sprptno Number of PSUs = 398
FPC: Nh2 Population size = 17815.04

whether admitted to hospital	freneiyn 0	1	Total
No	.0266	.9687	.9953
Yes	2.5e-04	.0044	.0047
Total	.0269	.9731	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 2.2641
  Design-based F(1, 389) = 2.3337 P = 0.1274

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
56 . svytab acchosp frenyn

pweight:  weight2                                 Number of obs      =     18794
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18651.97
```

whether admitted to hospital	frenyn 0	1	Total
No	.2729	.7223	.9952
Yes	.0014	.0034	.0048
Total	.2743	.7257	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 0.0916
  Design-based F(1, 389) = 0.0591 P = 0.8081

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
57 . svytab acchosp finyn

pweight:  weight2                                 Number of obs      =     18761
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  18623.81
```

whether admitted to hospital	finyn 0	1	Total
No	.1019	.8933	.9952
Yes	7.3e-04	.0041	.0048
Total	.1026	.8974	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 2.4536
  Design-based F(1, 389) = 2.0260 P = 0.1554

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
58 . svytab acchosp churyn

pweight:  weight2                                 Number of obs      =     10715
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  10105.16
```

whether admitted to hospital	churyn 0	1	Total
No	.7028	.2925	.9953
Yes	.0028	.002	.0047
Total	.7055	.2945	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =     3.5330
    Design-based  F(1, 389)       =     2.4194     P = 0.1207

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

59 . codebook fseemum

-------------------------------------------------------------------------------
fseemum
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  fseemum

                 range:  [1,9]                        units:  1
         unique values:  9                        missing .:  0/18819
     unique mv codes:  2                      missing .*:  1402/18819

          tabulation:  Freq.   Numeric  Label
                        4387         1  every day
                        3295         2  3-6 times a week
                        3464         3  once or twice a week
                        1713         4  less often, but at least once a
                                        month
                        1749         5  once every few months
                         401         6  once a year
                         935         7  less than once a year
                         571         8  never
                         902         9  (lives with mother)
                        1394        .a  not applicable
                           8        .b  don't know

60 . codebook  cmumgp

-------------------------------------------------------------------------------
cmumgp
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,9]                        units:  1
         unique values:  4                        missing .:  0/18819
     unique mv codes:  2                      missing .*:  1402/18819

          tabulation:  Freq.  Value
                       1907  0
                       3462  1
                      11146  2
                        902  9
                       1394  .a
                          8  .b

61 . do "C:\DOCUME~1\spkajdc\LOCALS~1\Temp\STD00000000.tmp"

62 . gen cmumgp1=fseemum
(1402 missing values generated)

63 . replace cmumgp1=1 if fseemum==1|fseemum==2|fseemum==3|fseemum==9
(7661 real changes made)
```

```
64 . replace cmumgp1=0 if fseemum==4|fseemum==5|fseemum==6|fseemum==7|fseemum==8
   (5369 real changes made)

65 . label variable "see mum regularly"
   "see mum regularly invalid name
   r(198);

   end of do-file
   r(198);

66 . do "C:\DOCUME~1\spkajdc\LOCALS~1\Temp\STD00000000.tmp"

67 . gen cmumgp1=fseemum
   cmumgp1 already defined
   r(110);

   end of do-file
   r(110);

68 . label variable cmumgp1 "see mum regularly"

69 . Label define cmumgp1 1"yes" 0 "no"
   unrecognized command:  Label
   r(199);

70 . label define cmumgp1 1"yes" 0 "no"

71 . codebook cmumgp1

-------------------------------------------------------------------------------
cmumgp1
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,1]                        units:  1
           unique values:  2                      missing .:  0/18819
       unique mv codes:  2                        missing .*:  1402/18819

            tabulation:  Freq.  Value
                         5369  0
                        12048  1
                         1394  .a
                            8  .b

72 . svytab acchosp cmumgp1

pweight:  weight2                             Number of obs      =     17417
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  17362.84

------------------------------------------------
whether      |
admitted     |
to           |  see mum regularly
hospital     |     0      1  Total
-------------+----------------------------------
          No |  .3221  .6731  .9952
         Yes |  .0013  .0035  .0048
             |
       Total |  .3235  .6765      1
------------------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =    0.9282
    Design-based  F(1, 389)       =    0.7230     P = 0.3957

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
73 . svytab accyn cmumgp1

pweight:  weight2                                 Number of obs      =     17417
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  17362.84
```

main: whether had accident or injury	see mum regularly 0	1	Total
No	.2995	.6207	.9202
Yes	.024	.0558	.0798
Total	.3235	.6765	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 3.6523
  Design-based F(1, 389) = 2.8446 P = 0.0925

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
74 . codebook cdad
```

cdadgp

```
                  type:  numeric (float)

                 range:  [0,9]                        units:  1
           unique values:  4                      missing .:  0/18819
       unique mv codes:  3                        missing .*:  3421/18819

            tabulation:  Freq.  Value
                         3075  0
                         3796  1
                         7995  2
                          532  9
                         3410  .a
                           10  .b
                            1  .c

75 . do "C:\DOCUME~1\spkajdc\LOCALS~1\Temp\STD00000000.tmp"

76 . gen cdadgp1=fseedad
(3421 missing values generated)

77 . replace cdadgp1=1 if fseedad==1|fseedad==2|fseedad==3|fseedad==9
(6217 real changes made)

78 . replace cdadgp1=0 if fseedad==4|fseedad==5|fseedad==6|fseedad==7|fseedad==8
(6871 real changes made)

79 . label variable cdadgp1 "see dad regularly"
```

```
80 . label define cdadgp1 1 "Yes" 2 "No"

81 .
   end of do-file

82 . codebook cdadgp1
```

---

cdadgp1

```
                  type:  numeric (float)

                 range:  [0,1]                        units:  1
           unique values:  2                      missing .:  0/18819
       unique mv codes:  3                        missing .*:  3421/18819

            tabulation:  Freq.  Value
                         6871  0
                         8527  1
                         3410  .a
                           10  .b
                            1  .c
```

```
83 . svytab acchosp cdadgp1

pweight:  weight2                                 Number of obs      =     15398
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15482.05
```

whether admitted to hospital	see dad regularly 0	1	Total
No	.4624	.5324	.9949
Yes	.0024	.0027	.0051
Total	.4648	.5352	1

Key: **cell proportions**

```
Pearson:
  Uncorrected   chi2(1)         =    0.0013
  Design-based  F(1, 389)       =    0.0009     P = 0.9757

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

84 . svytab accyn cdadgp1

pweight:  weight2                                 Number of obs      =     15398
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15482.05
```

main: whether had accident or injury	see dad regularly 0	1	Total
No	.4273	.4929	.9203
Yes	.0375	.0423	.0797
Total	.4648	.5352	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)          =    0.1361
    Design-based  F(1, 389)        =    0.0984     P = 0.7539

  Finite population correction (FPC) assumes simple random sampling without
  replacement of PSUs within each stratum with no subsampling within PSUs.

85 . save "C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash drive\ali
  file C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash drive\alison

86 . exit, clear
```

```
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash driv
  log type:  smcl
 opened on:  15 Aug 2005, 14:05:45

1 . xi:svylogit accyn glowsad

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18755
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18614.86
                                                  F(   1,     389) =     17.86
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |  -.2581287   .0610713    -4.23   0.000    -.3781997   -.1380576
       _cons |   -2.02389   .1037765   -19.50   0.000    -2.227923   -1.819857
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

2 . xi:svylogit accyn glowsad i.country
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18755
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18614.86
                                                  F(   4,     386) =      7.02
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |  -.2577745   .0611097    -4.22   0.000    -.3779211    -.137628
  _Icountry_2 |   .1121127   .0755359     1.48   0.139     -.036397    .2606223
  _Icountry_3 |  -.0230867   .1033981    -0.22   0.823    -.2263756    .1802023
  _Icountry_4 |  -.2520031   .1080034    -2.33   0.020    -.4643466   -.0396596
       _cons |  -2.020534   .1063756   -18.99   0.000    -2.229677   -1.811391
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

3 . xi:svylogit accyn glowsad i.country i.methuk8
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18725
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18576.67
                                                  F(  11,     379) =      7.63
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |  -.2569849   .0609861    -4.21   0.000    -.3768885   -.1370813
  _Icountry_2 |   .0618581   .0768915     0.80   0.422    -.0893168    .213033
  _Icountry_3 |  -.0664577    .104571    -0.64   0.525    -.2720527    .1391374
  _Icountry_4 |  -.3031787   .1086735    -2.79   0.006    -.5168396   -.0895178
  _Imethuk8_2 |  -.0099216   .2682423    -0.04   0.971    -.5373077    .5174645
  _Imethuk8_3 |  -.3320887   .2544077    -1.31   0.193    -.8322749    .1680975
  _Imethuk8_4 |  -.7959081   .1857449    -4.28   0.000    -1.161098   -.4307185
  _Imethuk8_5 |  -1.448229   .2948747    -4.91   0.000    -2.027977   -.8684816
  _Imethuk8_6 |  -.2204867   .2580597    -0.85   0.393    -.7278531    .2868796
```

_Imethuk8_7	-.2549281	.2755416	-0.93	0.355	-.7966652	.2868091
_Imethuk8_8	-.6159845	.2818037	-2.19	0.029	-1.170033	-.0619356
_cons	-1.9682	.1066731	-18.45	0.000	-2.177928	-1.758472

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
4 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)

Survey logistic regression

pweight:  weight2                           Number of obs    =     18725
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  18576.67
                                            F(  14,    376)  =      9.35
                                            Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.2201857	.0612134	-3.60	0.000	-.3405362	-.0998351
_Icountry_2	.0384318	.0758748	0.51	0.613	-.1107442	.1876078
_Icountry_3	-.0690946	.1055114	-0.65	0.513	-.2765386	.1383495
_Icountry_4	-.3004269	.1068768	-2.81	0.005	-.5105553	-.0902984
_Imethuk8_2	-.0495113	.2666719	-0.19	0.853	-.57381	.4747873
_Imethuk8_3	-.3231337	.2562845	-1.26	0.208	-.8270099	.1807425
_Imethuk8_4	-.8400151	.1903753	-4.41	0.000	-1.214308	-.4657219
_Imethuk8_5	-1.512485	.2931817	-5.16	0.000	-2.088904	-.9360666
_Imethuk8_6	-.1932614	.25924	-0.75	0.456	-.7029483	.3164254
_Imethuk8_7	-.173837	.2737398	-0.64	0.526	-.7120316	.3643576
_Imethuk8_8	-.5666783	.2871981	-1.97	0.049	-1.131333	-.0020236
_Imagebthg~2	-.4111264	.1014351	-4.05	0.000	-.610556	-.2116967
_Imagebthg~3	-.6804504	.1042973	-6.52	0.000	-.8855073	-.4753935
_Imagebthg~4	-1.328154	.310267	-4.28	0.000	-1.938164	-.7181441
_cons	-1.52047	.1340183	-11.35	0.000	-1.783961	-1.25698

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
5 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)

Survey logistic regression

pweight:  weight2                           Number of obs    =     18680
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  18543.65
                                            F(  18,    372)  =      8.12
                                            Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.2549692	.0606782	-4.20	0.000	-.3742674	-.1356711
_Icountry_2	.0473524	.0766554	0.62	0.537	-.1033584	.1980632
_Icountry_3	-.0832114	.1037939	-0.80	0.423	-.2872787	.1208559
_Icountry_4	-.2905734	.1064936	-2.73	0.007	-.4999486	-.0811983
_Imethuk8_2	-.0132574	.2661487	-0.05	0.960	-.5365272	.5100124
_Imethuk8_3	-.3231222	.2554401	-1.26	0.207	-.8253382	.1790938
_Imethuk8_4	-.7772188	.2056376	-3.78	0.000	-1.181519	-.3729185
_Imethuk8_5	-1.374491	.3008494	-4.57	0.000	-1.965985	-.7829967
_Imethuk8_6	-.1678913	.2593738	-0.65	0.518	-.6778411	.3420586
_Imethuk8_7	-.1276624	.2708602	-0.47	0.638	-.6601955	.4048708
_Imethuk8_8	-.5947312	.3110265	-1.91	0.057	-1.206235	.0167721
_Imagebthg~2	-.5102728	.1056024	-4.83	0.000	-.7178957	-.3026499
_Imagebthg~3	-.8401236	.1126442	-7.46	0.000	-1.061591	-.6186559

_Imagebthg~4	-1.475567	.3189947	-4.63	0.000	-2.102737	-.8483978
_Ijqualacg~2	-.1072871	.0994255	-1.08	0.281	-.3027657	.0881915
_Ijqualacg~3	-.2382845	.0948464	-2.51	0.012	-.4247602	-.0518089
_Ijqualacg~4	-.6011348	.1125407	-5.34	0.000	-.8223989	-.3798708
_Ijqualacg~5	-.3907883	.2854156	-1.37	0.172	-.9519385	.1703618
_cons	-1.132644	.1619136	-7.00	0.000	-1.450979	-.8143086

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
6 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgp
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
variable totchildgp not found
r(111);

7 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)

Survey logistic regression

pweight:  weight2                     Number of obs    =     18680
Strata:   pttype2                     Number of strata =         9
PSU:      sprptno                     Number of PSUs   =       398
FPC:      Nh2                         Population size  =  18543.65
                                      F(  20,    370)  =      8.83
                                      Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.2696292	.0610824	-4.41	0.000	-.3897221	-.1495362
_Icountry_2	.0515574	.07736	0.67	0.506	-.1005387	.2036535
_Icountry_3	-.0856785	.103311	-0.83	0.407	-.2887962	.1174393
_Icountry_4	-.2743503	.1059877	-2.59	0.010	-.4827308	-.0659699
_Imethuk8_2	-.0035658	.2657433	-0.01	0.989	-.5260387	.5189071
_Imethuk8_3	-.3263915	.2577246	-1.27	0.206	-.8330989	.1803159
_Imethuk8_4	-.7441319	.2069407	-3.60	0.000	-1.150994	-.3372698
_Imethuk8_5	-1.303272	.3006226	-4.34	0.000	-1.89432	-.7122235
_Imethuk8_6	-.1624028	.2576736	-0.63	0.529	-.6690099	.3442044
_Imethuk8_7	-.091213	.27341	-0.33	0.739	-.6287593	.4463333
_Imethuk8_8	-.6179082	.3107048	-1.99	0.047	-1.228779	-.0070374
_Imagebthg~2	-.3787333	.1129109	-3.35	0.001	-.6007253	-.1567413
_Imagebthg~3	-.6339635	.1211421	-5.23	0.000	-.8721387	-.3957883
_Imagebthg~4	-1.214961	.3227543	-3.76	0.000	-1.849522	-.5803998
_Ijqualacg~2	-.0732746	.0987179	-0.74	0.458	-.267362	.1208128
_Ijqualacg~3	-.1699166	.0959658	-1.77	0.077	-.3585931	.0187598
_Ijqualacg~4	-.4734362	.1175476	-4.03	0.000	-.7045444	-.2423281
_Ijqualacg~5	-.3423987	.2850752	-1.20	0.230	-.9028797	.2180823
_Itotchild~2	-.2850904	.0693517	-4.11	0.000	-.4214414	-.1487394
_Itotchild~3	-.5478274	.1496041	-3.66	0.000	-.8419611	-.2536937
_cons	-1.153292	.162143	-7.11	0.000	-1.472079	-.834506

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
8 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18063
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18139.48
                                                  F(  21,    369)  =      8.74
                                                  Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1951365	.0699159	-2.79	0.006	-.3325969	-.0576761
_Icountry_2	.0459451	.077659	0.59	0.554	-.1067387	.1986289
_Icountry_3	-.0854666	.1030658	-0.83	0.407	-.2881024	.1171691
_Icountry_4	-.2845519	.10794	-2.64	0.009	-.4967707	-.0723332
_Imethuk8_2	-.0055555	.2772101	-0.02	0.984	-.5505731	.5394621
_Imethuk8_3	-.3823748	.2668486	-1.43	0.153	-.9070208	.1422712
_Imethuk8_4	-.626508	.2038507	-3.07	0.002	-1.027295	-.2257211
_Imethuk8_5	-1.335222	.2831104	-4.72	0.000	-1.89184	-.7786043
_Imethuk8_6	-.1551332	.2585512	-0.60	0.549	-.6634657	.3531994
_Imethuk8_7	-.0478696	.275344	-0.17	0.862	-.5892183	.4934791
_Imethuk8_8	-.5853861	.3172267	-1.85	0.066	-1.209079	.0383074
_Imagebthg~2	-.3768682	.1135522	-3.32	0.001	-.600121	-.1536154
_Imagebthg~3	-.6207223	.1211644	-5.12	0.000	-.8589413	-.3825033
_Imagebthg~4	-1.195792	.3232727	-3.70	0.000	-1.831372	-.5602115
_Ijqualacg~2	-.0744893	.0996975	-0.75	0.455	-.2705027	.121524
_Ijqualacg~3	-.1725327	.0971571	-1.78	0.077	-.3635515	.018486
_Ijqualacg~4	-.4638395	.1198337	-3.87	0.000	-.6994422	-.2282367
_Ijqualacg~5	-.3409348	.2926423	-1.17	0.245	-.9162932	.2344236
_Itotchild~2	-.2841864	.0695264	-4.09	0.000	-.4208809	-.147492
_Itotchild~3	-.5701287	.1515693	-3.76	0.000	-.8681262	-.2721313
_Ihworry_2	-.2297823	.0709301	-3.24	0.001	-.3692368	-.0903279
_cons	-1.159522	.1637997	-7.08	0.000	-1.481566	-.8374785

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

9 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18045
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18123.38
                                                  F(  22,    368)  =      8.36
                                                  Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1629767	.071188	-2.29	0.023	-.3029381	-.0230152
_Icountry_2	.0467967	.0777444	0.60	0.548	-.1060551	.1996484
_Icountry_3	-.0811247	.1026925	-0.79	0.430	-.2830264	.120777
_Icountry_4	-.2858406	.1086452	-2.63	0.009	-.499446	-.0722353
_Imethuk8_2	-.0082162	.2762559	-0.03	0.976	-.5513578	.5349253
_Imethuk8_3	-.3956618	.2654556	-1.49	0.137	-.9175691	.1262455
_Imethuk8_4	-.6345552	.2025532	-3.13	0.002	-1.032791	-.2363192
_Imethuk8_5	-1.331824	.2844646	-4.68	0.000	-1.891104	-.7725435
_Imethuk8_6	-.1394643	.2578289	-0.54	0.589	-.6463768	.3674482
_Imethuk8_7	-.0266019	.2764503	-0.10	0.923	-.5701256	.5169218
_Imethuk8_8	-.5900112	.316638	-1.86	0.063	-1.212547	.0325248
_Imagebthg~2	-.3686221	.1134471	-3.25	0.001	-.5916683	-.1455758
_Imagebthg~3	-.6087032	.1213696	-5.02	0.000	-.8473256	-.3700808
_Imagebthg~4	-1.183249	.3221267	-3.67	0.000	-1.816577	-.549922
_Ijqualacg~2	-.0715613	.0994412	-0.72	0.472	-.2670708	.1239482
_Ijqualacg~3	-.1696449	.097188	-1.75	0.082	-.3607243	.0214346
_Ijqualacg~4	-.4648778	.1197627	-3.88	0.000	-.7003409	-.2294147
_Ijqualacg~5	-.3392222	.2930065	-1.16	0.248	-.9152968	.2368524
_Itotchild~2	-.2882225	.0697446	-4.13	0.000	-.425346	-.1510989
_Itotchild~3	-.5732473	.1516445	-3.78	0.000	-.8713927	-.2751018
_Ihworry_2	-.1881636	.0714456	-2.63	0.009	-.3286316	-.0476957
_Ihupset_2	-.1686231	.0810101	-2.08	0.038	-.3278955	-.0093508
_cons	-1.116516	.1664768	-6.71	0.000	-1.443823	-.7892092

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
10 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)

Survey logistic regression

pweight:  weight2                           Number of obs    =     18026
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  18114.19
                                            F(  24,    366)  =      7.72
                                            Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1441419	.0740991	-1.95	0.052	-.2898268	.001543
_Icountry_2	.051316	.0776717	0.66	0.509	-.1013928	.2040248
_Icountry_3	-.0790289	.1025529	-0.77	0.441	-.2806562	.1225984
_Icountry_4	-.2772371	.1086549	-2.55	0.011	-.4908614	-.0636127
_Imethuk8_2	-.0031927	.2751065	-0.01	0.991	-.5440743	.5376889
_Imethuk8_3	-.3993581	.2654779	-1.50	0.133	-.9213092	.1225931
_Imethuk8_4	-.6858304	.2157355	-3.18	0.002	-1.109984	-.261677
_Imethuk8_5	-1.307914	.2939182	-4.45	0.000	-1.885781	-.7300472
_Imethuk8_6	-.1390458	.2602005	-0.53	0.593	-.650621	.3725294
_Imethuk8_7	-.0186019	.2774883	-0.07	0.947	-.5641664	.5269627
_Imethuk8_8	-.5824454	.3170707	-1.84	0.067	-1.205832	.0409412
_Imagebthg~2	-.3607402	.113624	-3.17	0.002	-.5841343	-.1373461
_Imagebthg~3	-.6055004	.121243	-4.99	0.000	-.8438739	-.3671269
_Imagebthg~4	-1.17668	.3223141	-3.65	0.000	-1.810376	-.5429847
_Ijqualacg~2	-.0615265	.0990923	-0.62	0.535	-.25635	.133297
_Ijqualacg~3	-.1597127	.0971453	-1.64	0.101	-.3507083	.0312829
_Ijqualacg~4	-.4605747	.1200267	-3.84	0.000	-.696557	-.2245924
_Ijqualacg~5	-.3068628	.2930815	-1.05	0.296	-.8830847	.2693592
_Itotchild~2	-.2892969	.0697859	-4.15	0.000	-.4265017	-.1520921
_Itotchild~3	-.5915777	.1510083	-3.92	0.000	-.8884722	-.2946832
_Ihworry_2	-.1594836	.0718497	-2.22	0.027	-.3007459	-.0182213
_Ihupset_2	-.1405078	.0821805	-1.71	0.088	-.3020813	.0210657

_Iigoodyn_2	.2622466	.1888188	1.39	0.166	-.1089866	.6334797
_Iigoodyn_3	.0933097	.1636609	0.57	0.569	-.228461	.4150803
_cons	-1.328637	.2337243	-5.68	0.000	-1.788158	-.8691165

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
11 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn         _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)

Survey logistic regression

pweight:  weight2                     Number of obs    =     18022
Strata:   pttype2                     Number of strata =         9
PSU:      sprptno                     Number of PSUs   =       398
FPC:      Nh2                         Population size  =  18111.99
                                      F(  26,    364)  =      7.60
                                      Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.141436	.0745657	-1.90	0.059	-.2880382	.0051663
_Icountry_2	.0519192	.0777409	0.67	0.505	-.1009257	.2047642
_Icountry_3	-.0788518	.1025449	-0.77	0.442	-.2804634	.1227599
_Icountry_4	-.2760188	.1086939	-2.54	0.011	-.4897198	-.0623177
_Imethuk8_2	-.0026291	.2755794	-0.01	0.992	-.5444405	.5391823
_Imethuk8_3	-.3934413	.2662133	-1.48	0.140	-.9168382	.1299555
_Imethuk8_4	-.6883251	.215826	-3.19	0.002	-1.112656	-.2639937
_Imethuk8_5	-1.310447	.2955773	-4.43	0.000	-1.891575	-.7293177
_Imethuk8_6	-.137438	.2604925	-0.53	0.598	-.6495874	.3747113
_Imethuk8_7	-.0170811	.2781283	-0.06	0.951	-.5639039	.5297417
_Imethuk8_8	-.5821505	.3179694	-1.83	0.068	-1.207304	.0430031
_Imagebthg~2	-.3594464	.1135884	-3.16	0.002	-.5827705	-.1361223
_Imagebthg~3	-.6032803	.1207953	-4.99	0.000	-.8407737	-.3657869
_Imagebthg~4	-1.175114	.3223886	-3.65	0.000	-1.808956	-.5412716
_Ijqualacg~2	-.0599239	.0997536	-0.60	0.548	-.2560476	.1361998
_Ijqualacg~3	-.1588814	.0976649	-1.63	0.105	-.3508986	.0331357
_Ijqualacg~4	-.4599865	.1203577	-3.82	0.000	-.6966195	-.2233536
_Ijqualacg~5	-.3067656	.2936793	-1.04	0.297	-.8841628	.2706316
_Itotchild~2	-.2895114	.069767	-4.15	0.000	-.426679	-.1523438
_Itotchild~3	-.5934345	.151217	-3.92	0.000	-.8907393	-.2961296
_Ihworry_2	-.1567005	.0720708	-2.17	0.030	-.2983975	-.0150036
_Ihupset_2	-.1368836	.0834067	-1.64	0.102	-.3008678	.0271006
_Iigoodyn_2	.2773774	.2023136	1.37	0.171	-.1203874	.6751423
_Iigoodyn_3	.1262634	.1764345	0.72	0.475	-.2206212	.473148
_Iuselsyn_2	-.0652696	.1859947	-0.35	0.726	-.4309503	.3004112
_Iuselsyn_3	-.0989616	.1848918	-0.54	0.593	-.4624739	.2645506
_cons	-1.279818	.2734964	-4.68	0.000	-1.817534	-.7421017

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
12 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn         _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
variable partlkyn not found
r(111);
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```
13 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn         _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
i.hpartlkyn       _Ihpartlkyn_1-3     (_Ihpartlkyn_1 for hpartlkyn==-8 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18022
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18111.99
                                                  F(  28,    362)  =      7.08
                                                  Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1363121	.0748791	-1.82	0.069	-.2835305	.0109064
_Icountry_2	.0504724	.0777416	0.65	0.517	-.1023739	.2033187
_Icountry_3	-.079729	.1026309	-0.78	0.438	-.2815097	.1220518
_Icountry_4	-.2789167	.1086582	-2.57	0.011	-.4925474	-.0652859
_Imethuk8_2	-.0070568	.2747696	-0.03	0.980	-.5472762	.5331626
_Imethuk8_3	-.4011703	.2651013	-1.51	0.131	-.9223808	.1200403
_Imethuk8_4	-.689685	.2163662	-3.19	0.002	-1.115078	-.2642915
_Imethuk8_5	-1.304955	.2950089	-4.42	0.000	-1.884967	-.7249436
_Imethuk8_6	-.1373669	.2601434	-0.53	0.598	-.6488299	.374096
_Imethuk8_7	-.0223067	.2763072	-0.08	0.936	-.5655492	.5209357
_Imethuk8_8	-.5902064	.31549	-1.87	0.062	-1.210485	.0300726
_Imagebthg~2	-.3537818	.1139455	-3.10	0.002	-.5778079	-.1297557
_Imagebthg~3	-.5954881	.1201729	-4.96	0.000	-.8317577	-.3592184
_Imagebthg~4	-1.169155	.3219153	-3.63	0.000	-1.802067	-.5362438
_Ijqualacg~2	-.0626632	.0996672	-0.63	0.530	-.258617	.1332906
_Ijqualacg~3	-.1648046	.0980133	-1.68	0.093	-.3575067	.0278975
_Ijqualacg~4	-.4716028	.122158	-3.86	0.000	-.7117753	-.2314302
_Ijqualacg~5	-.3117957	.2942318	-1.06	0.290	-.8902793	.266688
_Itotchild~2	-.2900632	.0696615	-4.16	0.000	-.4270235	-.153103
_Itotchild~3	-.6001969	.1513754	-3.96	0.000	-.8978131	-.3025806
_Ihworry_2	-.1546299	.0721154	-2.14	0.033	-.2964148	-.0128451
_Ihupset_2	-.1318458	.0844873	-1.56	0.119	-.2979546	.0342631
_Iigoodyn_2	.2787195	.2016856	1.38	0.168	-.1178108	.6752497
_Iigoodyn_3	.1314838	.1765629	0.74	0.457	-.2156532	.4786207
_Iuselsyn_2	-.0587749	.1864324	-0.32	0.753	-.4253162	.3077663
_Iuselsyn_3	-.0898631	.1856558	-0.48	0.629	-.4548774	.2751512
_Ihpartlky~2	-.0195254	.2350863	-0.08	0.934	-.4817241	.4426734
_Ihpartlky~3	-.0991728	.2274907	-0.44	0.663	-.546438	.3480925
_cons	-1.223056	.3592596	-3.40	0.001	-1.929389	-.5167226

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

14 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn         _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
i.hpartlkyn       _Ihpartlkyn_1-3     (_Ihpartlkyn_1 for hpartlkyn==-8 omitted)
i.patyn           _Ipatyn_1-3         (_Ipatyn_1 for patyn==-8 omitted)

Survey logistic regression
```

```
pweight:  weight2                                 Number of obs    =     18020
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18111.37
                                                  F(  30,    360)  =      7.22
                                                  Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1349289	.0746982	-1.81	0.072	-.2817917	.0119339
_Icountry_2	.0532404	.0780845	0.68	0.496	-.1002801	.2067609
_Icountry_3	-.0820457	.102455	-0.80	0.424	-.2834806	.1193892
_Icountry_4	-.2792845	.1086426	-2.57	0.011	-.4928848	-.0656843
_Imethuk8_2	-.0049052	.2763616	-0.02	0.986	-.5482545	.5384441
_Imethuk8_3	-.4018817	.2621867	-1.53	0.126	-.9173621	.1135987
_Imethuk8_4	-.6989952	.2171039	-3.22	0.001	-1.125839	-.2721513
_Imethuk8_5	-1.311244	.29557	-4.44	0.000	-1.892358	-.7301291
_Imethuk8_6	-.1454221	.2609845	-0.56	0.578	-.6585388	.3676946
_Imethuk8_7	-.0241051	.2750046	-0.09	0.930	-.5647864	.5165762
_Imethuk8_8	-.5961184	.3146371	-1.89	0.059	-1.21472	.0224835
_Imagebthg~2	-.3479977	.1136185	-3.06	0.002	-.5713809	-.1246145
_Imagebthg~3	-.5878889	.1206414	-4.87	0.000	-.8250797	-.350698
_Imagebthg~4	-1.163697	.3212985	-3.62	0.000	-1.795396	-.5319984
_Ijqualacg~2	-.065731	.0995574	-0.66	0.509	-.2614688	.1300069
_Ijqualacg~3	-.1685126	.0976505	-1.73	0.085	-.3605014	.0234762
_Ijqualacg~4	-.4783822	.1216627	-3.93	0.000	-.7175809	-.2391836
_Ijqualacg~5	-.3080081	.2920904	-1.05	0.292	-.8822814	.2662653
_Itotchild~2	-.2935791	.0700063	-4.19	0.000	-.4312171	-.1559411
_Itotchild~3	-.599957	.1509192	-3.98	0.000	-.8966763	-.3032377
_Ihworry_2	-.1517273	.0726222	-2.09	0.037	-.2945085	-.0089461
_Ihupset_2	-.122634	.0843873	-1.45	0.147	-.2885463	.0432784
_Iigoodyn_2	.2594523	.2034788	1.28	0.203	-.1406036	.6595081
_Iigoodyn_3	.1146317	.1774217	0.65	0.519	-.2341937	.4634572
_Iuselsyn_2	-.0690448	.1842924	-0.37	0.708	-.4313787	.293289
_Iuselsyn_3	-.0951865	.1834584	-0.52	0.604	-.4558806	.2655076
_Ihpartlky~2	-.0284135	.2377792	-0.12	0.905	-.4959066	.4390796
_Ihpartlky~3	-.1071483	.2304708	-0.46	0.642	-.5602726	.3459759
_Ipatyn_2	.8537619	.4219457	2.02	0.044	.0241825	1.683341
_Ipatyn_3	.628888	.3980934	1.58	0.115	-.153796	1.411572
_cons	-1.84532	.5096768	-3.62	0.000	-2.847386	-.843254

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

15 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn         _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
i.hpartlkyn       _Ihpartlkyn_1-3     (_Ihpartlkyn_1 for hpartlkyn==-8 omitted)
i.patyn           _Ipatyn_1-3         (_Ipatyn_1 for patyn==-8 omitted)
i.freneiyn        _Ifreneiyn_1-3      (_Ifreneiyn_1 for freneiyn==-8 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18017
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =   18109.7
                                                  F(  32,    358)  =      7.18
                                                  Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1277345	.074507	-1.71	0.087	-.2742214	.0187524
_Icountry_2	.0557319	.0783438	0.71	0.477	-.0982983	.2097622
_Icountry_3	-.0803388	.1024667	-0.78	0.433	-.2817967	.1211191
_Icountry_4	-.2764954	.1094567	-2.53	0.012	-.4916961	-.0612947
_Imethuk8_2	-.0202441	.275219	-0.07	0.941	-.5613468	.5208587
_Imethuk8_3	-.393779	.2626855	-1.50	0.135	-.91024	.1226821
_Imethuk8_4	-.6882192	.2177397	-3.16	0.002	-1.116313	-.2601254
_Imethuk8_5	-1.301011	.2944506	-4.42	0.000	-1.879925	-.7220973
_Imethuk8_6	-.1572395	.2640939	-0.60	0.552	-.6764696	.3619906
_Imethuk8_7	-.0481245	.2741304	-0.18	0.861	-.5870872	.4908382
_Imethuk8_8	-.6026917	.3181367	-1.89	0.059	-1.228174	.0227908
_Imagebthg~2	-.3346057	.1141749	-2.93	0.004	-.5590828	-.1101285
_Imagebthg~3	-.5685574	.1220451	-4.66	0.000	-.8085079	-.328607
_Imagebthg~4	-1.145034	.3233583	-3.54	0.000	-1.780782	-.5092851
_Ijqualacg~2	-.0632322	.0993865	-0.64	0.525	-.2586341	.1321697
_Ijqualacg~3	-.1700488	.0976846	-1.74	0.083	-.3621046	.0220071
_Ijqualacg~4	-.494022	.1216029	-4.06	0.000	-.7331032	-.2549407
_Ijqualacg~5	-.3109571	.2914161	-1.07	0.287	-.8839048	.2619906
_Itotchild~2	-.294603	.0700511	-4.21	0.000	-.4323292	-.1568768
_Itotchild~3	-.6048079	.1514903	-3.99	0.000	-.9026501	-.3069657
_Ihworry_2	-.1480948	.0729015	-2.03	0.043	-.291425	-.0047646
_Ihupset_2	-.1211985	.0839177	-1.44	0.149	-.2861875	.0437906
_Iigoodyn_2	.2703257	.2029419	1.33	0.184	-.1286746	.669326
_Iigoodyn_3	.1253504	.177027	0.71	0.479	-.2226991	.4733999
_Iuselsyn_2	-.0715784	.184937	-0.39	0.699	-.4351795	.2920226
_Iuselsyn_3	-.0953564	.1838281	-0.52	0.604	-.4567774	.2660645
_Ihpartlky~2	-.0192763	.2415944	-0.08	0.936	-.4942706	.4557179
_Ihpartlky~3	-.0841316	.2352731	-0.36	0.721	-.5466975	.3784344
_Ipatyn_2	.8766116	.4232609	2.07	0.039	.0444463	1.708777
_Ipatyn_3	.6512641	.3995029	1.63	0.104	-.1341909	1.436719
_Ifreneiyn_2	.3401643	.2098386	1.62	0.106	-.0723955	.7527241
_Ifreneiyn_3	-.1449753	.174076	-0.83	0.405	-.4872229	.1972723
_cons	-1.798536	.5347715	-3.36	0.001	-2.84994	-.7471316

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
16 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn         _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
i.hpartlkyn       _Ihpartlkyn_1-3     (_Ihpartlkyn_1 for hpartlkyn==-8 omitted)
i.patyn           _Ipatyn_1-3         (_Ipatyn_1 for patyn==-8 omitted)
i.freneiyn        _Ifreneiyn_1-3      (_Ifreneiyn_1 for freneiyn==-8 omitted)
i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)

Survey logistic regression

pweight:  weight2                     Number of obs    =     18016
Strata:   pttype2                     Number of strata =         9
PSU:      sprptno                     Number of PSUs   =       398
FPC:      Nh2                         Population size  =  18109.33
                                      F(  33,    357)  =      7.72
                                      Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1313157	.0746921	-1.76	0.080	-.2781664	.0155351
_Icountry_2	.0580102	.0784929	0.74	0.460	-.0963131	.2123335
_Icountry_3	-.0724315	.1027523	-0.70	0.481	-.274451	.1295879
_Icountry_4	-.2708447	.109025	-2.48	0.013	-.4851967	-.0564928
_Imethuk8_2	-.0177889	.2748013	-0.06	0.948	-.5580705	.5224928
_Imethuk8_3	-.3497022	.2637642	-1.33	0.186	-.8682839	.1688795
_Imethuk8_4	-.6482899	.2138954	-3.03	0.003	-1.068826	-.2277543
_Imethuk8_5	-1.258928	.2965251	-4.25	0.000	-1.841921	-.675936
_Imethuk8_6	-.1382788	.2626438	-0.53	0.599	-.6546577	.3781002
_Imethuk8_7	-.0262622	.2734878	-0.10	0.924	-.5639614	.5114369
_Imethuk8_8	-.5744382	.3196955	-1.80	0.073	-1.202985	.054109
_Imagebthg~2	-.3325936	.1143365	-2.91	0.004	-.5573884	-.1077989
_Imagebthg~3	-.5667883	.1223783	-4.63	0.000	-.807394	-.3261826
_Imagebthg~4	-1.134276	.3233941	-3.51	0.001	-1.770095	-.4984575
_Ijqualacg~2	-.0645299	.0994783	-0.65	0.517	-.2601124	.1310525
_Ijqualacg~3	-.1659029	.0975708	-1.70	0.090	-.357735	.0259291
_Ijqualacg~4	-.483811	.1219076	-3.97	0.000	-.7234912	-.2441307
_Ijqualacg~5	-.3008519	.2913784	-1.03	0.302	-.8737254	.2720216
_Itotchild~2	-.2915911	.0700979	-4.16	0.000	-.4294093	-.1537728
_Itotchild~3	-.6006718	.1513689	-3.97	0.000	-.8982752	-.3030683
_Ihworry_2	-.1523206	.0730056	-2.09	0.038	-.2958555	-.0087857
_Ihupset_2	-.1256564	.0837434	-1.50	0.134	-.2903027	.0389899
_Iigoodyn_2	.2734847	.20262	1.35	0.178	-.1248827	.6718521
_Iigoodyn_3	.1285316	.1767252	0.73	0.467	-.2189244	.4759877
_Iuselsyn_2	-.0718589	.1839842	-0.39	0.696	-.4335867	.2898689
_Iuselsyn_3	-.0962951	.1830517	-0.53	0.599	-.4561895	.2635993
_Ihpartlky~2	-.0304845	.2420643	-0.13	0.900	-.5064026	.4454336
_Ihpartlky~3	-.1212464	.2377266	-0.51	0.610	-.5886362	.3461434
_Ipatyn_2	.8938171	.4216887	2.12	0.035	.0647429	1.722891
_Ipatyn_3	.6659208	.3989626	1.67	0.096	-.1184721	1.450314
_Ifreneiyn_2	.328497	.2103464	1.56	0.119	-.085061	.742055
_Ifreneiyn_3	-.1732189	.1731084	-1.00	0.318	-.5135639	.1671262
_Ifrenyn_1	.1664591	.0752068	2.21	0.027	.0185964	.3143217
_cons	-1.879237	.5345278	-3.52	0.000	-2.930162	-.8283123

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
17 . xi:svylogit accyn glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hwor
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn         _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
i.hpartlkyn       _Ihpartlkyn_1-3     (_Ihpartlkyn_1 for hpartlkyn==-8 omitted)
i.patyn           _Ipatyn_1-3         (_Ipatyn_1 for patyn==-8 omitted)
i.freneiyn        _Ifreneiyn_1-3      (_Ifreneiyn_1 for freneiyn==-8 omitted)
i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)
i.finyn           _Ifinyn_0-1         (naturally coded; _Ifinyn_0 omitted)

Survey logistic regression

pweight:  weight2                          Number of obs    =     18010
Strata:   pttype2                          Number of strata =         9
PSU:      sprptno                          Number of PSUs   =       398
FPC:      Nh2                              Population size  =  18101.49
                                           F(  34,    356)  =      7.53
                                           Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1239072	.0741317	-1.67	0.095	-.2696561	.0218418
_Icountry_2	.0602042	.0786595	0.77	0.445	-.0944467	.2148551
_Icountry_3	-.0695776	.1025847	-0.68	0.498	-.2712674	.1321121
_Icountry_4	-.2633448	.1090017	-2.42	0.016	-.477651	-.0490386
_Imethuk8_2	-.0294641	.2754747	-0.11	0.915	-.5710697	.5121415
_Imethuk8_3	-.3439138	.2629468	-1.31	0.192	-.8608885	.1730609
_Imethuk8_4	-.6464935	.2148852	-3.01	0.003	-1.068975	-.2240118
_Imethuk8_5	-1.258264	.2979006	-4.22	0.000	-1.84396	-.6725669
_Imethuk8_6	-.1489149	.2638946	-0.56	0.573	-.6677531	.3699232
_Imethuk8_7	-.0676729	.2789221	-0.24	0.808	-.6160563	.4807105
_Imethuk8_8	-.5816481	.3195574	-1.82	0.070	-1.209924	.0466276
_Imagebthg~2	-.3328847	.1143861	-2.91	0.004	-.557777	-.1079925
_Imagebthg~3	-.561476	.1219699	-4.60	0.000	-.8012788	-.3216733
_Imagebthg~4	-1.133204	.3234805	-3.50	0.001	-1.769192	-.4972148
_Ijqualacg~2	-.0694693	.0993205	-0.70	0.485	-.2647414	.1258027
_Ijqualacg~3	-.1708231	.0976572	-1.75	0.081	-.3628251	.0211788
_Ijqualacg~4	-.4957479	.1223122	-4.05	0.000	-.7362236	-.2552722
_Ijqualacg~5	-.3155778	.2934614	-1.08	0.283	-.8925466	.261391
_Itotchild~2	-.2950699	.0700501	-4.21	0.000	-.432794	-.1573458
_Itotchild~3	-.6102351	.1508168	-4.05	0.000	-.9067533	-.313717
_Ihworry_2	-.1412656	.0737548	-1.92	0.056	-.2862735	.0037422
_Ihupset_2	-.1261289	.0839324	-1.50	0.134	-.2911467	.0388889
_Iigoodyn_2	.2805316	.2012631	1.39	0.164	-.115168	.6762311
_Iigoodyn_3	.1356768	.175718	0.77	0.441	-.209799	.4811526
_Iuselsyn_2	-.0776016	.1839893	-0.42	0.673	-.4393395	.2841363
_Iuselsyn_3	-.0964389	.1834136	-0.53	0.599	-.4570449	.2641672
_Ihpartlky~2	-.0367801	.2429466	-0.15	0.880	-.5144329	.4408727
_Ihpartlky~3	-.1197725	.2377889	-0.50	0.615	-.5872847	.3477397
_Ipatyn_2	.8910807	.4216043	2.11	0.035	.0621725	1.719989
_Ipatyn_3	.6620073	.3987351	1.66	0.098	-.1219381	1.445953
_Ifreneiyn_2	.3314789	.209258	1.58	0.114	-.0799394	.7428972
_Ifreneiyn_3	-.1656555	.1724321	-0.96	0.337	-.5046711	.1733601
_Ifrenyn_1	.1688772	.0751458	2.25	0.025	.0211344	.3166201
_Ifinyn_1	-.1701429	.0983848	-1.73	0.085	-.3635754	.0232897
_cons	-1.750006	.5334534	-3.28	0.001	-2.798819	-.7011937

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
18 . log close
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash driv
  log type:  smcl
 closed on:  15 Aug 2005, 14:42:04
```

```
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash driv
  log type:  smcl
 opened on:  15 Aug 2005, 14:42:24

1 . xi:svylogit acchosp glowsad

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18755
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18614.86
                                                  F(   1,    389)  =      5.54
                                                  Prob > F         =    0.0191

------------------------------------------------------------------------------
    acchosp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------------
    glowsad |  -.5771497    .245193    -2.35   0.019    -1.059219   -.0950803
      _cons |  -4.409005   .4146009   -10.63   0.000    -5.224144   -3.593866
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

2 . xi:svylogit acchosp glowsad i.country
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18755
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18614.86
                                                  F(   4,    386)  =      2.59
                                                  Prob > F         =    0.0362

------------------------------------------------------------------------------
    acchosp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------------
    glowsad |  -.5715511   .2460231    -2.32   0.021    -1.055253   -.0878497
 _Icountry_2 |   .5052668   .2922139     1.73   0.085    -.0692494    1.079783
 _Icountry_3 |   .1111161   .3666485     0.30   0.762    -.6097445    .8319768
 _Icountry_4 |  -.1068134   .3475403    -0.31   0.759    -.7901058    .5764789
      _cons |  -4.459286   .4287796   -10.40   0.000    -5.302302   -3.616271
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

3 . xi:svylogit acchosp glowsad i.country i.methuk8
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 478 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 268 obs not used


Survey logistic regression

pweight:  weight2                                 Number of obs    =     17979
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18034.17
                                                  F(   9,    381)  =      1.64
                                                  Prob > F         =    0.1028
```

acchosp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.5786957	.2458608	-2.35	0.019	-1.062078	-.0953134
_Icountry_2	.4560285	.2993148	1.52	0.128	-.1324486	1.044506
_Icountry_3	.0649008	.3695858	0.18	0.861	-.6617348	.7915365
_Icountry_4	-.1639269	.3517497	-0.47	0.641	-.8554953	.5276415
_Imethuk8_2	-.4009359	.6898122	-0.58	0.561	-1.757163	.9552908
_Imethuk8_4	-.0378473	.4967812	-0.08	0.939	-1.014559	.9388649
_Imethuk8_5	-.0823389	.6681977	-0.12	0.902	-1.39607	1.231392
_Imethuk8_7	-.2025085	.9371303	-0.22	0.829	-2.044983	1.639966
_Imethuk8_8	-.8829037	.9899854	-0.89	0.373	-2.829295	1.063488
_cons	-4.388274	.4350023	-10.09	0.000	-5.243524	-3.533024

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
4 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 478 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 268 obs not used

note: _Imagebthgp_4 != 0 predicts failure perfectly
      _Imagebthgp_4 dropped and 391 obs not used


Survey logistic regression

pweight:  weight2                                 Number of obs    =     17588
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =   17618.5
                                                  F(  11,    379)  =      2.34
                                                  Prob > F         =    0.0086
```

acchosp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.5117766	.2403981	-2.13	0.034	-.9844187	-.0391344
_Icountry_2	.4175187	.2991753	1.40	0.164	-.1706843	1.005722
_Icountry_3	.0578672	.3661704	0.16	0.875	-.6620535	.7777879
_Icountry_4	-.1491707	.3511492	-0.42	0.671	-.8395584	.541217
_Imethuk8_2	-.498098	.6888562	-0.72	0.470	-1.852445	.856249
_Imethuk8_4	-.0688007	.5052369	-0.14	0.892	-1.062137	.9245361
_Imethuk8_5	-.1504122	.6750455	-0.22	0.824	-1.477606	1.176782
_Imethuk8_7	-.04371	.944991	-0.05	0.963	-1.901639	1.814219
_Imethuk8_8	-.7797587	.9902078	-0.79	0.431	-2.726588	1.16707
_Imagebthg~2	-.7969723	.339864	-2.34	0.020	-1.465172	-.1287721
_Imagebthg~3	-1.164389	.3213034	-3.62	0.000	-1.796098	-.5326808
_cons	-3.61904	.4842134	-7.47	0.000	-4.571042	-2.667037

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
5 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 476 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 266 obs not used

note: _Imagebthgp_4 != 0 predicts failure perfectly
      _Imagebthgp_4 dropped and 389 obs not used
```

```
Survey logistic regression

pweight:  weight2                                 Number of obs    =     17549
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  17589.43
                                                  F(  15,    375)  =      3.24
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
     acchosp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   -.5745933   .2373559    -2.42   0.016    -1.041254   -.1079324
  _Icountry_2 |    .4149938   .3003308     1.38   0.168    -.1754808    1.005468
  _Icountry_3 |   -.0253647    .373244    -0.07   0.946    -.7591926    .7084632
  _Icountry_4 |    -.185332   .3529785    -0.53   0.600    -.8793164    .5086523
  _Imethuk8_2 |   -.5245765   .6957227    -0.75   0.451    -1.892424    .8432707
  _Imethuk8_4 |   -.2512854   .5650673    -0.44   0.657    -1.362254    .8596828
  _Imethuk8_5 |    -.147498   .6810002    -0.22   0.829      -1.4864    1.191404
  _Imethuk8_7 |   -.1994073   .9132354    -0.22   0.827    -1.994902    1.596088
  _Imethuk8_8 |   -.8964979   1.003892    -0.89   0.372     -2.87023    1.077234
 _Imagebthg~2 |   -.9489244   .3504959    -2.71   0.007    -1.638028   -.2598212
 _Imagebthg~3 |   -1.467933   .3409995    -4.30   0.000    -2.138366   -.7975008
 _Ijqualacg~2 |   -.0896341   .3988438    -0.22   0.822    -.8737933    .6945252
 _Ijqualacg~3 |   -.9623921   .3654678    -2.63   0.009    -1.680931   -.2438527
 _Ijqualacg~4 |   -.4724495   .4003121    -1.18   0.239    -1.259496    .3145966
 _Ijqualacg~5 |   -.6087832   .8619134    -0.71   0.480    -2.303375    1.085808
        _cons |   -2.821778   .5644471    -5.00   0.000    -3.931527    -1.71203
------------------------------------------------------------------------------
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

6 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgp
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
variable totchildgp not found
r(111);

7 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 476 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 266 obs not used

note: _Imagebthgp_4 != 0 predicts failure perfectly
      _Imagebthgp_4 dropped and 389 obs not used


Survey logistic regression

pweight:  weight2                                 Number of obs    =     17549
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  17589.43
                                                  F(  17,    373)  =      3.03
                                                  Prob > F         =    0.0001
```

acchosp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.5501186	.238655	-2.31	0.022	-1.019334	-.0809036
_Icountry_2	.4012337	.3049676	1.32	0.189	-.1983573	1.000825
_Icountry_3	-.0293763	.3741615	-0.08	0.937	-.7650082	.7062556
_Icountry_4	-.2408669	.3554339	-0.68	0.498	-.9396789	.457945
_Imethuk8_2	-.5549184	.6909805	-0.80	0.422	-1.913442	.8036053
_Imethuk8_4	-.3672142	.5772773	-0.64	0.525	-1.502188	.7677598
_Imethuk8_5	-.3370695	.6970707	-0.48	0.629	-1.707567	1.033428
_Imethuk8_7	-.2940369	.9121521	-0.32	0.747	-2.087402	1.499328
_Imethuk8_8	-.8613849	1.005245	-0.86	0.392	-2.837778	1.115008
_Imagebthg~2	-1.267811	.3792564	-3.34	0.001	-2.01346	-.522162
_Imagebthg~3	-1.979572	.4198872	-4.71	0.000	-2.805105	-1.15404
_Ijqualacg~2	-.1710198	.4029596	-0.42	0.672	-.9632709	.6212314
_Ijqualacg~3	-1.147292	.3773643	-3.04	0.003	-1.88922	-.4053629
_Ijqualacg~4	-.8050893	.4094039	-1.97	0.050	-1.610011	-.000168
_Ijqualacg~5	-.7664597	.8793195	-0.87	0.384	-2.495273	.9623536
_Itotchild~2	.5038583	.3485248	1.45	0.149	-.1813696	1.189086
_Itotchild~3	1.35546	.6041363	2.24	0.025	.167679	2.543241
_cons	-2.725125	.5693667	-4.79	0.000	-3.844546	-1.605704

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
8 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hw
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 428 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 252 obs not used

note: _Imagebthgp_4 != 0 predicts failure perfectly
      _Imagebthgp_4 dropped and 372 obs not used


Survey logistic regression

pweight:  weight2                         Number of obs    =     17011
Strata:   pttype2                         Number of strata =         9
PSU:      sprptno                         Number of PSUs   =       398
FPC:      Nh2                             Population size  =  17230.97
                                          F(  18,    372)  =      2.96
                                          Prob > F         =    0.0001
```

acchosp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.3310153	.2591627	-1.28	0.202	-.8405502	.1785197
_Icountry_2	.3767335	.3073632	1.23	0.221	-.2275675	.9810344
_Icountry_3	-.0281565	.3805647	-0.07	0.941	-.7763775	.7200645
_Icountry_4	-.2385669	.354234	-0.67	0.501	-.9350197	.4578859
_Imethuk8_2	-.5675232	.6983429	-0.81	0.417	-1.940522	.8054755
_Imethuk8_4	-.2659094	.5696296	-0.47	0.641	-1.385847	.8540286
_Imethuk8_5	-.8262329	.9250754	-0.89	0.372	-2.645006	.9925402
_Imethuk8_7	-.2711655	.9112478	-0.30	0.766	-2.062753	1.520422
_Imethuk8_8	-.7528675	1.006345	-0.75	0.455	-2.731424	1.225689
_Imagebthg~2	-1.249128	.3786983	-3.30	0.001	-1.99368	-.5045766
_Imagebthg~3	-1.928016	.4196469	-4.59	0.000	-2.753076	-1.102956
_Ijqualacg~2	-.1689913	.4040588	-0.42	0.676	-.9634037	.6254212
_Ijqualacg~3	-1.174589	.3811134	-3.08	0.002	-1.923889	-.4252896
_Ijqualacg~4	-.7923422	.4086692	-1.94	0.053	-1.595819	.0111346
_Ijqualacg~5	-.6219146	.8689857	-0.72	0.475	-2.330411	1.086582
_Itotchild~2	.4988922	.3492733	1.43	0.154	-.1878074	1.185592
_Itotchild~3	1.302525	.6201547	2.10	0.036	.0832504	2.521799
_Ihworry_2	-.6228914	.2873445	-2.17	0.031	-1.187834	-.0579488
_cons	-2.797548	.5704147	-4.90	0.000	-3.919029	-1.676066

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

 9 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hw
i.country          _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp        _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr        _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr       _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry           _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset           _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 428 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 252 obs not used

note: _Imagebthgp_4 != 0 predicts failure perfectly
      _Imagebthgp_4 dropped and 371 obs not used


Survey logistic regression

pweight:  weight2                                 Number of obs    =     16994
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =   17215.8
                                                  F(  19,    371)  =      3.26
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
     acchosp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   -.233575   .2644843    -0.88   0.378    -.7535726    .2864226
  _Icountry_2 |   .3869271   .3067239     1.26   0.208    -.2161169    .9899712
  _Icountry_3 |   -.019201   .3781523    -0.05   0.960    -.7626791    .7242771
  _Icountry_4 |  -.2424206   .3546478    -0.68   0.495    -.9396869    .4548456
  _Imethuk8_2 |   -.561713   .6941896    -0.81   0.419    -1.926546    .8031199
  _Imethuk8_4 |  -.2822508   .5654473    -0.50   0.618    -1.393966    .8294644
  _Imethuk8_5 |  -.8270624   .9296191    -0.89   0.374    -2.654769    1.000644
  _Imethuk8_7 |  -.1870149   .9093056    -0.21   0.837    -1.974783    1.600754
  _Imethuk8_8 |  -.7455385   1.006423    -0.74   0.459    -2.724249    1.233172
_Imagebthg~2 |  -1.219316   .3802576    -3.21   0.001    -1.966933   -.4716984
_Imagebthg~3 |  -1.888214   .4219316    -4.48   0.000    -2.717766   -1.058662
_Ijqualacg~2 |  -.1557628   .4022025    -0.39   0.699    -.9465256        .635
_Ijqualacg~3 |   -1.15841   .3799544    -3.05   0.002    -1.905431   -.4113885
_Ijqualacg~4 |  -.7880964   .4069101    -1.94   0.053    -1.588115    .0119219
_Ijqualacg~5 |   -.619215   .8706925    -0.71   0.477    -2.331067    1.092637
_Itotchild~2 |   .4821354   .3492425     1.38   0.168    -.2045037    1.168774
_Itotchild~3 |   1.288525   .6205855     2.08   0.039     .0684034    2.508646
   _Ihworry_2 |  -.4988413   .2950478    -1.69   0.092    -1.078929    .0812467
   _Ihupset_2 |  -.4502507   .2568098    -1.75   0.080    -.9551596    .0546581
        _cons |  -2.730298   .5682885    -4.80   0.000    -3.847599   -1.612997
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

10 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hw
i.country          _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp        _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr        _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr       _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry           _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset           _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn          _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 428 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 252 obs not used
```

```
note: _Imagebthgp_4 != 0 predicts failure perfectly
      _Imagebthgp_4 dropped and 371 obs not used


Survey logistic regression

pweight:  weight2                                 Number of obs    =     16975
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  17206.61
                                                  F(  21,    369)  =      3.92
                                                  Prob > F         =    0.0000
```

acchosp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1200814	.2720311	-0.44	0.659	-.6549166	.4147539
_Icountry_2	.4022886	.3079829	1.31	0.192	-.2032307	1.007808
_Icountry_3	-.0154805	.3794493	-0.04	0.967	-.7615086	.7305476
_Icountry_4	-.2096155	.3540963	-0.59	0.554	-.9057975	.4865665
_Imethuk8_2	-.5300771	.6985643	-0.76	0.448	-1.903511	.843357
_Imethuk8_4	-.2421307	.5709569	-0.42	0.672	-1.364678	.8804169
_Imethuk8_5	-.8423584	.9159811	-0.92	0.358	-2.643252	.9585348
_Imethuk8_7	-.1486048	.9115117	-0.16	0.871	-1.940711	1.643501
_Imethuk8_8	-.687191	1.002435	-0.69	0.493	-2.65806	1.283678
_Imagebthg~2	-1.176718	.3811109	-3.09	0.002	-1.926013	-.4274233
_Imagebthg~3	-1.859372	.4220901	-4.41	0.000	-2.689235	-1.029509
_Ijqualacg~2	-.0949559	.4004445	-0.24	0.813	-.8822623	.6923505
_Ijqualacg~3	-1.109541	.384457	-2.89	0.004	-1.865415	-.3536676
_Ijqualacg~4	-.7304709	.4092273	-1.79	0.075	-1.535045	.0741033
_Ijqualacg~5	-.5008444	.8553364	-0.59	0.559	-2.182505	1.180816
_Itotchild~2	.4753749	.3459918	1.37	0.170	-.204873	1.155623
_Itotchild~3	1.282843	.6167443	2.08	0.038	.0702736	2.495412
_Ihworry_2	-.3545757	.3001625	-1.18	0.238	-.9447194	.235568
_Ihupset_2	-.3062168	.261621	-1.17	0.243	-.8205849	.2081513
_Iigoodyn_2	1.378494	.811402	1.70	0.090	-.2167879	2.973776
_Iigoodyn_3	.5720584	.8016672	0.71	0.476	-1.004084	2.148201
_cons	-3.98766	.9502795	-4.20	0.000	-5.855986	-2.119333

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

11 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hw
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8         _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp       _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr       _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr      _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn         _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn         _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 426 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 252 obs not used

note: _Imagebthgp_4 != 0 predicts failure perfectly
      _Imagebthgp_4 dropped and 371 obs not used


Survey logistic regression

pweight:  weight2                                 Number of obs    =     16973
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  17205.87
                                                  F(  23,    367)  =      3.70
                                                  Prob > F         =    0.0000
```

acchosp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1348369	.2768077	-0.49	0.626	-.6790633	.4093896
_Icountry_2	.3949854	.3086935	1.28	0.201	-.2119311	1.001902
_Icountry_3	-.01678	.3788559	-0.04	0.965	-.7616415	.7280814
_Icountry_4	-.2107449	.3539219	-0.60	0.552	-.906584	.4850943
_Imethuk8_2	-.5300166	.6972865	-0.76	0.448	-1.900938	.8409053
_Imethuk8_4	-.2872294	.5797322	-0.50	0.621	-1.42703	.8525712
_Imethuk8_5	-.8440098	.9192526	-0.92	0.359	-2.651335	.9633153
_Imethuk8_7	-.1686852	.9078953	-0.19	0.853	-1.953681	1.616311
_Imethuk8_8	-.7252679	1.008119	-0.72	0.472	-2.707312	1.256776
_Imagebthg~2	-1.173119	.3835963	-3.06	0.002	-1.927301	-.4189378
_Imagebthg~3	-1.85572	.4273072	-4.34	0.000	-2.69584	-1.015599
_Ijqualacg~2	-.1082958	.4015934	-0.27	0.788	-.8978609	.6812693
_Ijqualacg~3	-1.119183	.3809797	-2.94	0.004	-1.86822	-.3701457
_Ijqualacg~4	-.7385046	.4073421	-1.81	0.071	-1.539372	.062363
_Ijqualacg~5	-.5081162	.8503428	-0.60	0.550	-2.179959	1.163727
_Itotchild~2	.4838565	.3426573	1.41	0.159	-.1898356	1.157548
_Itotchild~3	1.286856	.6205961	2.07	0.039	.0667143	2.506999
_Ihworry_2	-.3772988	.3024932	-1.25	0.213	-.9720249	.2174274
_Ihupset_2	-.3308196	.2705138	-1.22	0.222	-.8626717	.2010325
_Iigoodyn_2	1.568019	.923956	1.70	0.090	-.2485533	3.384592
_Iigoodyn_3	.6303779	.8843058	0.71	0.476	-1.108239	2.368995
_Iuselsyn_2	-.520351	.7405584	-0.70	0.483	-1.976349	.9356469
_Iuselsyn_3	-.2551093	.6425632	-0.40	0.692	-1.518441	1.008222
_cons	-3.707668	.9729747	-3.81	0.000	-5.620615	-1.794721

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
12 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hw
i.country          _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp        _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr        _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr       _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry           _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset           _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn          _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn          _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
variable partlkyn not found
r(111);

13 . xi:svylogit acchosp glowsad i.country i.methuk8 i.magebthgp i.jqualacgr i.totchildgr i.hw
i.country          _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.magebthgp        _Imagebthgp_1-4     (naturally coded; _Imagebthgp_1 omitted)
i.jqualacgr        _Ijqualacgr_1-5     (naturally coded; _Ijqualacgr_1 omitted)
i.totchildgr       _Itotchildg_1-3     (naturally coded; _Itotchildg_1 omitted)
i.hworry           _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)
i.hupset           _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)
i.igoodyn          _Iigoodyn_1-3       (_Iigoodyn_1 for igoodyn==-8 omitted)
i.uselsyn          _Iuselsyn_1-3       (_Iuselsyn_1 for uselsyn==-8 omitted)
i.hpartlkyn        _Ihpartlkyn_1-3     (_Ihpartlkyn_1 for hpartlkyn==-8 omitted)
note: _Imethuk8_3 != 0 predicts failure perfectly
      _Imethuk8_3 dropped and 426 obs not used

note: _Imethuk8_6 != 0 predicts failure perfectly
      _Imethuk8_6 dropped and 252 obs not used

note: _Imagebthgp_4 != 0 predicts failure perfectly
      _Imagebthgp_4 dropped and 371 obs not used


Survey logistic regression

pweight:  weight2                                 Number of obs    =     16973
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  17205.87
                                                  F(  25,    365)  =      4.03
                                                  Prob > F         =    0.0000
```

acchosp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	-.1064029	.2838613	-0.37	0.708	-.6644973	.4516915
_Icountry_2	.3861853	.3096905	1.25	0.213	-.2226913	.9950619
_Icountry_3	-.0207745	.3783176	-0.05	0.956	-.7645775	.7230285
_Icountry_4	-.2330689	.3534635	-0.66	0.510	-.9280067	.4618689
_Imethuk8_2	-.5550197	.7049906	-0.79	0.432	-1.941088	.831049
_Imethuk8_4	-.2889298	.582306	-0.50	0.620	-1.433791	.855931
_Imethuk8_5	-.8138848	.9219679	-0.88	0.378	-2.626548	.9987788
_Imethuk8_7	-.2002278	.9085113	-0.22	0.826	-1.986435	1.585979
_Imethuk8_8	-.7643378	1.008807	-0.76	0.449	-2.747735	1.219059
_Imagebthg~2	-1.147233	.3765767	-3.05	0.002	-1.887613	-.4068526
_Imagebthg~3	-1.81493	.4229459	-4.29	0.000	-2.646476	-.983384
_Ijqualacg~2	-.1243345	.4042468	-0.31	0.759	-.9191164	.6704475
_Ijqualacg~3	-1.162287	.3779469	-3.08	0.002	-1.905362	-.4192131
_Ijqualacg~4	-.8091884	.4105287	-1.97	0.049	-1.616321	-.0020557
_Ijqualacg~5	-.550195	.8585095	-0.64	0.522	-2.238094	1.137704
_Itotchild~2	.4759757	.3418773	1.39	0.165	-.1961827	1.148134
_Itotchild~3	1.234112	.6240053	1.98	0.049	.007267	2.460957
_Ihworry_2	-.3582705	.3031835	-1.18	0.238	-.954354	.2378129
_Ihupset_2	-.3028837	.2716393	-1.12	0.266	-.8369486	.2311811
_Iigoodyn_2	1.597794	.9268347	1.72	0.086	-.2244382	3.420026
_Iigoodyn_3	.6793022	.8924693	0.76	0.447	-1.075365	2.433969
_Iuselsyn_2	-.5040568	.7623891	-0.66	0.509	-2.002976	.994862
_Iuselsyn_3	-.2221061	.6662169	-0.33	0.739	-1.531943	1.08773
_Ihpartlky~2	-.1123112	.9031986	-0.12	0.901	-1.888073	1.663451
_Ihpartlky~3	-.5377448	.8771614	-0.61	0.540	-2.262315	1.186826
_cons	-3.408787	1.20726	-2.82	0.005	-5.782358	-1.035215

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
14 . log close
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash driv
  log type:  smcl
 closed on:  15 Aug 2005, 15:02:30
```

```
      log:  /Users/rosemarytate/Documents/MCS/stata_stuff/tate05_ijo/1508.smcl
  log type:  smcl
 opened on:  16 Aug 2005, 10:52:20

1 . xi:svylogit accyn i.methuk7*glowsad , or
variable methuk7 not found
r(111);

2 . xi:svylogit accyn i.methuk8*glowsad , or
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.meth~8*glow~d    _ImetXglows_#       (coded as above)

Survey logistic regression

pweight:  weight2                           Number of obs    =     18725
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  18576.67
                                            F(  15,    375)  =      5.73
                                            Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imethuk8_2	2.124229	1.895374	0.84	0.399	.3675649	12.27633
_Imethuk8_3	1.58054	1.571889	0.46	0.646	.2236767	11.16838
_Imethuk8_4	.5720816	.3679686	-0.87	0.386	.161528	2.026134
_Imethuk8_5	1.144465	.942971	0.16	0.870	.2265029	5.782704
_Imethuk8_6	.6077933	.582961	-0.52	0.604	.0922111	4.006161
_Imethuk8_7	2.199742	2.077705	0.83	0.404	.3434659	14.08834
_Imethuk8_8	2.312379	2.060278	0.94	0.347	.4011348	13.32992
glowsad	.8001871	.0507393	-3.52	0.000	.7063972	.9064297
_ImetXglow~2	.616572	.3469837	-0.86	0.391	.2039221	1.864246
_ImetXglow~3	.6077581	.3689396	-0.82	0.413	.1842452	2.004774
_ImetXglow~4	.8686027	.3453702	-0.35	0.723	.3974785	1.898142
_ImetXglow~5	.3824264	.1836889	-2.00	0.046	.1487369	.9832797
_ImetXglow~6	1.208664	.7131201	0.32	0.748	.3788991	3.855562
_ImetXglow~7	.5140476	.3168976	-1.08	0.281	.1529751	1.727372
_ImetXglow~8	.3944568	.2185251	-1.68	0.094	.1327305	1.172272

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

3 . tab methuk8
```

(d) main respondent's ethnic group - 8 category classification (uk)	Freq.	Percent	Cum.
White	15,782	84.08	84.08
Mixed	194	1.03	85.11
Indian	484	2.58	87.69
Pakistani	900	4.79	92.48
Bangladeshi	373	1.99	94.47
Black Caribbean	268	1.43	95.90
Black African	387	2.06	97.96
Other	383	2.04	100.00
Total	18,771	100.00	

```
4 . xi:svylogit accyn i.methuk8*glowsad homelang, or
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.meth~8*glow~d    _ImetXglows_#       (coded as above)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18725
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18576.67
                                                  F(  16,    374)  =      5.38
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imethuk8_2	2.177739	1.934874	0.88	0.382	.3796395	12.49224
_Imethuk8_3	1.761179	1.7785	0.56	0.575	.2418511	12.82505
_Imethuk8_4	.6867775	.4572993	-0.56	0.573	.1854659	2.543127
_Imethuk8_5	1.410461	1.138086	0.43	0.670	.288664	6.891756
_Imethuk8_6	.6065755	.5837145	-0.52	0.604	.091455	4.023113
_Imethuk8_7	2.397861	2.249725	0.93	0.352	.3790669	15.16813
_Imethuk8_8	2.654279	2.380894	1.09	0.277	.4550236	15.48315
glowsad	.8005011	.0508165	-3.51	0.001	.7065749	.906913
_ImetXglow~2	.6216	.3497026	-0.85	0.399	.205657	1.878791
_ImetXglow~3	.6223707	.3773251	-0.78	0.435	.1889644	2.049832
_ImetXglow~4	.8736362	.348503	-0.34	0.735	.3987652	1.914009
_ImetXglow~5	.3842743	.1843906	-1.99	0.047	.1495978	.987092
_ImetXglow~6	1.209541	.7155214	0.32	0.748	.3780142	3.870194
_ImetXglow~7	.524502	.3201101	-1.06	0.291	.157989	1.741275
_ImetXglow~8	.3975865	.2213717	-1.66	0.098	.1330494	1.188093
homelang	.8434397	.0951378	-1.51	0.132	.67568	1.052851

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

5 . xi:svylogit accyn i.methuk8*glowsad i.homelang, or
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.meth~8*glow~d    _ImetXglows_#       (coded as above)
i.homelang         _Ihomelang_1-3      (naturally coded; _Ihomelang_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18725
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18576.67
                                                  F(  17,    373)  =      5.35
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imethuk8_2	2.172764	1.937118	0.87	0.385	.3764948	12.53909
_Imethuk8_3	1.629286	1.666751	0.48	0.634	.2180245	12.17558
_Imethuk8_4	.6362563	.4199287	-0.69	0.494	.1738146	2.329045
_Imethuk8_5	1.355021	1.090064	0.38	0.706	.2786433	6.589363
_Imethuk8_6	.6051218	.5803415	-0.52	0.601	.0918229	3.987812
_Imethuk8_7	2.188899	2.061296	0.83	0.406	.3436716	13.94144
_Imethuk8_8	2.661764	2.41479	1.08	0.281	.4472365	15.8417
glowsad	.7999097	.0507663	-3.52	0.000	.7060749	.9062148
_ImetXglow~2	.6158624	.3470809	-0.86	0.390	.2033648	1.865055
_ImetXglow~3	.6145108	.3721632	-0.80	0.422	.1868149	2.021378
_ImetXglow~4	.8742139	.3450829	-0.34	0.734	.4023185	1.899614
_ImetXglow~5	.382131	.1837041	-2.00	0.046	.1485019	.9833148
_ImetXglow~6	1.211008	.7145638	0.32	0.746	.3795963	3.863421
_ImetXglow~7	.5344439	.3251372	-1.03	0.304	.1616011	1.767502
_ImetXglow~8	.3888593	.2185202	-1.68	0.094	.1288147	1.173869
_Ihomelang_2	1.012218	.1671055	0.07	0.941	.7316641	1.400349
_Ihomelang_3	.5231169	.1297552	-2.61	0.009	.3212223	.8519062

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
6 . xi:svylogit accyn i.methuk8 glowsad i.homelang, or
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.homelang         _Ihomelang_1-3      (naturally coded; _Ihomelang_1 omitted)

Survey logistic regression

pweight:  weight2                                  Number of obs    =     18725
Strata:   pttype2                                  Number of strata =         9
PSU:      sprptno                                  Number of PSUs   =       398
FPC:      Nh2                                      Population size  =  18576.67
                                                   F(  10,    380)  =      7.52
                                                   Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imethuk8_2	1.026168	.2814986	0.09	0.925	.5983946	1.759742
_Imethuk8_3	.7710506	.2220614	-0.90	0.367	.4376964	1.358291
_Imethuk8_4	.5202369	.1121643	-3.03	0.003	.3404923	.7948679
_Imethuk8_5	.2860751	.0892668	-4.01	0.000	.1548968	.5283451
_Imethuk8_6	.8105841	.2081938	-0.82	0.414	.4892036	1.343094
_Imethuk8_7	.8396718	.2429407	-0.60	0.546	.4754057	1.483046
_Imethuk8_8	.6192951	.1773847	-1.67	0.095	.3526363	1.087597
glowsad	.7739374	.047064	-4.21	0.000	.6867233	.8722278
_Ihomelang_2	.9974175	.1688608	-0.02	0.988	.7150237	1.391341
_Ihomelang_3	.5148346	.1293909	-2.64	0.009	.3141026	.8438472

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

7 . xi:svylogit accyn i.methuk8 glowsad i.homelang newtotl, or
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.homelang         _Ihomelang_1-3      (naturally coded; _Ihomelang_1 omitted)

Survey logistic regression

pweight:  weight2                                  Number of obs    =     18708
Strata:   pttype2                                  Number of strata =         9
PSU:      sprptno                                  Number of PSUs   =       398
FPC:      Nh2                                      Population size  =  18562.54
                                                   F(  11,    379)  =     11.07
                                                   Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imethuk8_2	1.052161	.2863083	0.19	0.852	.6162191	1.796509
_Imethuk8_3	.7629466	.2202909	-0.94	0.349	.4324678	1.345967
_Imethuk8_4	.5476548	.1215145	-2.71	0.007	.3540394	.8471537
_Imethuk8_5	.3116611	.0965261	-3.76	0.000	.1695235	.5729744
_Imethuk8_6	.8369144	.213006	-0.70	0.485	.5074142	1.380383
_Imethuk8_7	.9109332	.2598767	-0.33	0.744	.5198674	1.596175
_Imethuk8_8	.5977227	.1721864	-1.79	0.075	.3392566	1.053104
glowsad	.7604573	.0465095	-4.48	0.000	.6742997	.8576235
_Ihomelang_2	.9898672	.1680019	-0.06	0.952	.7090203	1.381959
_Ihomelang_3	.4963399	.1254462	-2.77	0.006	.3019763	.8158032
newtotliv	.7823092	.0283257	-6.78	0.000	.7285545	.8400301

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

8 . codebook hupset
```

hupset

```
                  type:  numeric (byte)
                 label:  hupset

                 range:  [1,2]                        units:  1
         unique values:  2                        missing .:  0/18819
     unique mv codes:  3                      missing .*:  673/18819
```

tabulation:	Freq.	Numeric	Label
	4383	1	yes
	13763	2	no
	645	.a	not applicable
	22	.b	don't know
	6	.c	refusal

9 . tab hupset methuk8, col

Key
frequency *column percentage*

main:easily upset or irritated	(d) main respondent's ethnic group - 8 category classification					
	White	Mixed	Indian	Pakistani	Banglades	Black Car
yes	3,747 24.11	52 28.57	127 29.47	217 28.33	61 21.18	55 21.74
no	11,794 75.89	130 71.43	304 70.53	549 71.67	227 78.82	198 78.26
Total	15,541 100.00	182 100.00	431 100.00	766 100.00	288 100.00	253 100.00

main:easily upset or irritated	(d) main respondent's ethnic group - 8 category classification (uk)	
	Other	Total
yes	71 22.26	4,372 24.13
no	248 77.74	13,744 75.87
Total	319 100.00	18,116 100.00

10 . tab hupset methuk8, col missing

Key
frequency *column percentage*

main:easily upset or irritated	(d) main respondent's ethnic group - 8 category classification					
	White	Mixed	Indian	Pakistani	Banglades	Black Car
yes	3,747 23.74	52 26.80	127 26.24	217 24.11	61 16.35	55 20.52
no	11,794 74.73	130 67.01	304 62.81	549 61.00	227 60.86	198 73.88
not applicable	221 1.40	12 6.19	53 10.95	134 14.89	79 21.18	14 5.22
don't know	16 0.10	0 0.00	0 0.00	0 0.00	5 1.34	0 0.00
refusal	4 0.03	0 0.00	0 0.00	0 0.00	1 0.27	1 0.37

Total	15,782 100.00	194 100.00	484 100.00	900 100.00	373 100.00	268 100.00

main:easily upset or irritated	(d) main respondent's ethnic group - 8 category classification (uk)				
	Other	.a	.b	.c	Total
yes	71 18.54	0 0.00	9 34.62	2 50.00	4,383 23.29
no	248 64.75	0 0.00	17 65.38	2 50.00	13,763 73.13
not applicable	64 16.71	18 100.00	0 0.00	0 0.00	645 3.43
don't know	0 0.00	0 0.00	0 0.00	0 0.00	22 0.12
refusal	0 0.00	0 0.00	0 0.00	0 0.00	6 0.03
Total	383 100.00	18 100.00	26 100.00	4 100.00	18,819 100.00

```
11 . codebook hupset
```

hupset

```
                type:  numeric (byte)
               label:  hupset

               range:  [1,2]                        units:  1
         unique values:  2                      missing .:  0/18819
     unique mv codes:  3                        missing .*:  673/18819

          tabulation:  Freq.   Numeric  Label
                        4383         1  yes
                       13763         2  no
                         645        .a  not applicable
                          22        .b  don't know
                           6        .c  refusal
```

```
12 .  tab white
```

White mother yes/no	Freq.	Percent	Cum.
no	2,989	15.92	15.92
yes	15,782	84.08	100.00
Total	18,771	100.00	

```
13 . xi:svylogit accyn i.methuk8 glowsad i.homelang newtotl, or subpop(white)
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.homelang         _Ihomelang_1-3      (naturally coded; _Ihomelang_1 omitted)
note: _Imethuk8_2 dropped due to collinearity
note: _Imethuk8_3 dropped due to collinearity
note: _Imethuk8_4 dropped due to collinearity
note: _Imethuk8_5 dropped due to collinearity
note: _Imethuk8_6 dropped due to collinearity
note: _Imethuk8_7 dropped due to collinearity
note: _Imethuk8_8 dropped due to collinearity

Survey logistic regression
```

```
pweight:  weight2                                 Number of obs    =     18708
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18562.54
                                                  F(   4,    386)  =     16.34
Subpopulation no. of obs =     15742              Prob > F         =    0.0000
Subpopulation size       =  16557.64
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	.7848463	.05002	-3.80	0.000	.6924147	.8896166
_Ihomelang_2	1.002706	.2091598	0.01	0.990	.6653692	1.511069
_Ihomelang_3	.4158986	.1294842	-2.82	0.005	.2255021	.7670512
newtotliv	.7834295	.0293884	-6.51	0.000	.7277288	.8433935

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
14 . xi:svylogit accyn i.methuk9, or
i.methuk9          _Imethuk9_0-8       (naturally coded; _Imethuk9_0 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18771
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18615.99
                                                  F(   8,    382)  =      7.14
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imethuk9_1	.7281241	.1902939	-1.21	0.225	.4355632	1.217194
_Imethuk9_2	1.004658	.2706494	0.02	0.986	.5915529	1.706251
_Imethuk9_3	.7289612	.1836935	-1.25	0.210	.4441583	1.196385
_Imethuk9_4	.4555129	.0844016	-4.24	0.000	.3164389	.6557094
_Imethuk9_5	.2299898	.0676198	-5.00	0.000	.129022	.409971
_Imethuk9_6	.8287193	.2117874	-0.74	0.463	.5014129	1.369681
_Imethuk9_7	.7769836	.2128642	-0.92	0.358	.4534056	1.331487
_Imethuk9_8	.537251	.1520633	-2.20	0.029	.3079652	.9372443

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
15 . xi:svylogit accyn i.methuk8 i.glowsad , or
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.glowsad          _Iglowsad_1-2       (naturally coded; _Iglowsad_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     18725
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  18576.67
                                                  F(   8,    382)  =      9.25
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imethuk8_2	1.002397	.2690011	0.01	0.993	.5914258	1.698945
_Imethuk8_3	.7266095	.184459	-1.26	0.209	.4411014	1.196916
_Imethuk8_4	.4568099	.0843798	-4.24	0.000	.3176982	.6568348
_Imethuk8_5	.2385357	.0701494	-4.87	0.000	.1337975	.4252643
_Imethuk8_6	.8117324	.2084972	-0.81	0.417	.4898866	1.345025
_Imethuk8_7	.7858522	.215543	-0.88	0.380	.4582952	1.347524
_Imethuk8_8	.5455616	.1525758	-2.17	0.031	.3148092	.9454535
_Iglowsad_2	.7735962	.0471721	-4.21	0.000	.6861958	.8721288

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
16 . xi:svylogit accyn i.methuk8 i.glowsad  i.hselfc, or
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.glowsad          _Iglowsad_1-2       (naturally coded; _Iglowsad_1 omitted)
i.hselfc           _Ihselfc_1-3        (naturally coded; _Ihselfc_1 omitted)

Survey logistic regression

pweight:  weight2                                  Number of obs    =     18723
Strata:   pttype2                                  Number of strata =         9
PSU:      sprptno                                  Number of PSUs   =       398
FPC:      Nh2                                      Population size  =  18576.19
                                                   F(  10,    380)  =      7.33
                                                   Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imethuk8_2	1.018963	.2746713	0.07	0.944	.5997815	1.731108
_Imethuk8_3	.7469498	.1904369	-1.14	0.253	.4524785	1.233062
_Imethuk8_4	.4873527	.0913673	-3.83	0.000	.3371047	.7045665
_Imethuk8_5	.2609613	.0775449	-4.52	0.000	.1454961	.4680595
_Imethuk8_6	.8248128	.2100235	-0.76	0.450	.4999609	1.360739
_Imethuk8_7	.8199501	.229044	-0.71	0.478	.4734473	1.420049
_Imethuk8_8	.5757566	.1616355	-1.97	0.050	.3315357	.9998791
_Iglowsad_2	.7734539	.0472293	-4.21	0.000	.6859547	.8721143
_Ihselfc_2	.967027	.1611655	-0.20	0.841	.6968413	1.341971
_Ihselfc_3	.6121307	.1587465	-1.89	0.059	.3676287	1.019246

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

17 . xi:svylogit accyn i.methuk8 i.glowsad  i.hselfc, or subpop(white)
i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
i.glowsad          _Iglowsad_1-2       (naturally coded; _Iglowsad_1 omitted)
i.hselfc           _Ihselfc_1-3        (naturally coded; _Ihselfc_1 omitted)
note: _Imethuk8_2 dropped due to collinearity
note: _Imethuk8_3 dropped due to collinearity
note: _Imethuk8_4 dropped due to collinearity
note: _Imethuk8_5 dropped due to collinearity
note: _Imethuk8_6 dropped due to collinearity
note: _Imethuk8_7 dropped due to collinearity
note: _Imethuk8_8 dropped due to collinearity

Survey logistic regression

pweight:  weight2                                  Number of obs    =     18723
Strata:   pttype2                                  Number of strata =         9
PSU:      sprptno                                  Number of PSUs   =       398
FPC:      Nh2                                      Population size  =  18576.19
                                                   F(   3,    387)  =      4.13
Subpopulation no. of obs =     15747               Prob > F         =    0.0067
Subpopulation size       =  16567.59
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Iglowsad_2	.7995061	.050834	-3.52	0.000	.7055568	.9059654
_Ihselfc_2	1.046412	.1839871	0.26	0.797	.7405799	1.478543
_Ihselfc_3	.6969894	.2125039	-1.18	0.237	.3827321	1.26928

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
18 . xi:svylogit accyn i.methuk8 i.glowsad  i.hselfc, or subpop(britwhite)
   i.methuk8          _Imethuk8_1-8       (naturally coded; _Imethuk8_1 omitted)
   i.glowsad          _Iglowsad_1-2       (naturally coded; _Iglowsad_1 omitted)
   i.hselfc           _Ihselfc_1-3        (naturally coded; _Ihselfc_1 omitted)
   note: _Imethuk8_2 dropped due to collinearity
   note: _Imethuk8_3 dropped due to collinearity
   note: _Imethuk8_4 dropped due to collinearity
   note: _Imethuk8_5 dropped due to collinearity
   note: _Imethuk8_6 dropped due to collinearity
   note: _Imethuk8_7 dropped due to collinearity
   note: _Imethuk8_8 dropped due to collinearity

   Survey logistic regression

   pweight:  weight2                                 Number of obs    =     18723
   Strata:   pttype2                                 Number of strata =         9
   PSU:      sprptno                                 Number of PSUs   =       398
   FPC:      Nh2                                     Population size  =  18576.19
                                                     F(   3,     387) =      4.48
   Subpopulation no. of obs =     15392              Prob > F         =    0.0042
   Subpopulation size       =  16143.54
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Iglowsad_2	.7918038	.0506345	-3.65	0.000	.6982562	.8978843
_Ihselfc_2	1.129755	.1949531	0.71	0.480	.8047123	1.586091
_Ihselfc_3	.7089622	.2261864	-1.08	0.282	.378625	1.327507

```
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

19 . spearman glosad hworry
   variable glosad not found
   r(111);

20 . spearman glowsad hworry

    Number of obs =   18124
   Spearman's rho =  0.3410

   Test of Ho: glowsad and hworry are independent
       Prob > |t| =  0.0000

21 . pwcorr glowsad hworry, sig

                |  glowsad   hworry
   -------------+------------------
        glowsad |   1.0000
                |
                |
         hworry |   0.3410   1.0000
                |   0.0000
                |

22 . spearman glowsad hupset

    Number of obs =   18110
   Spearman's rho =  0.3160

   Test of Ho: glowsad and hupset are independent
       Prob > |t| =  0.0000
```

```
23 . pwcorr glowsad hworry hupset
```

	glowsad	hworry	hupset
glowsad	1.0000		
hworry	0.3410	1.0000	
hupset	0.3160	0.3646	1.0000

```
24 . log close
      log:  /Users/rosemarytate/Documents/MCS/stata_stuff/tate05_ijo/1508.smcl
  log type:  smcl
 closed on:  16 Aug 2005, 11:31:52
```

```
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash drive\Logs\S
  log type:  smcl
 opened on:   6 Sep 2005, 11:22:42

1 . xi:svylogit accyn glowsad i.igoodyn*glowsad,or
i.igoodyn         _Iigoodyn_0-1       (naturally coded; _Iigoodyn_0 omitted)
i.igoo~n*glow~d   _IigoXglows_#       (coded as above)
note: glowsad dropped due to collinearity

Survey logistic regression

pweight:  weight1                                 Number of obs    =     14435
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =     14407
                                                  F(   3,    387)  =      8.59
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.074255     .12818     0.60   0.549      .849621    1.358281
 _Iigoodyn_1 |   .7356519   .0738363    -3.06   0.002     .6039096    .8961337
_IigoXglow~1 |   1.136214   .1604594     0.90   0.366     .8607473    1.499838
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

2 . xi:svylogit accyn i.country,or
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15170
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15072.47
                                                  F(   3,    387)  =      3.54
                                                  Prob > F         =    0.0148

------------------------------------------------------------------------------
       accyn | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 _Icountry_2 |   1.032503    .081452     0.41   0.685     .8841624     1.20573
 _Icountry_3 |   .8753638   .0918551    -1.27   0.205     .7121806    1.075937
 _Icountry_4 |   .7313972    .079506    -2.88   0.004     .5906568    .9056729
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

3 . xi:svylogit accyn glowsad i.country
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15164
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15066.63
                                                  F(   4,    386)  =      6.40
                                                  Prob > F         =    0.0001
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	.2201181	.0580408	3.79	0.000	.1060051	.3342311
_Icountry_2	.020062	.0790022	0.25	0.800	-.1352627	.1753867
_Icountry_3	-.1318076	.1049987	-1.26	0.210	-.3382434	.0746283
_Icountry_4	-.3189834	.1089725	-2.93	0.004	-.5332322	-.1047347
_cons	-2.440803	.0506512	-48.19	0.000	-2.540387	-2.341219

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
4 . xi:svylogit accyn glowsad i.country i.acqualyn,or
i.country        _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.acqualyn       _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)

Survey logistic regression

pweight:  weight1                                Number of obs    =     15133
Strata:   pttype2                                Number of strata =         9
PSU:      sprptno                                Number of PSUs   =       398
FPC:      Nh2                                    Population size  =  15039.98
                                                 F(   5,    385)  =      6.33
                                                 Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.267304	.0738826	4.06	0.000	1.13006	1.421216
_Icountry_2	1.024925	.0816362	0.31	0.757	.8763575	1.198678
_Icountry_3	.879326	.0920837	-1.23	0.220	.7157036	1.080355
_Icountry_4	.7358854	.0801869	-2.81	0.005	.5939751	.9117004
_Iacqualyn_1	1.255253	.1101181	2.59	0.010	1.056394	1.491546

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
5 . xi:svylogit accyn glowsad i.country i.acqualyn i.teenmum,or
i.country        _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.acqualyn       _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
i.teenmum        _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)

Survey logistic regression

pweight:  weight1                                Number of obs    =     15131
Strata:   pttype2                                Number of strata =         9
PSU:      sprptno                                Number of PSUs   =       398
FPC:      Nh2                                    Population size  =  15038.01
                                                 F(   6,    384)  =     14.19
                                                 Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.247706	.0730591	3.78	0.000	1.112026	1.399941
_Icountry_2	1.011976	.0793159	0.15	0.879	.8674551	1.180574
_Icountry_3	.8740246	.0916412	-1.28	0.200	.7112085	1.074114
_Icountry_4	.7419119	.079622	-2.78	0.006	.6007812	.9161961
_Iacqualyn_1	1.370422	.1231938	3.51	0.001	1.14841	1.635354
_Iteenmum_1	1.964142	.1785619	7.43	0.000	1.642661	2.348539

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
6 . xi:svylogit accyn glowsad i.country i.acqualyn i.teenmum i.newfst,or
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15129
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15035.37
                                                  F(   7,    383)  =     14.69
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.259394	.0742842	3.91	0.000	1.121496	1.414249
_Icountry_2	1.015008	.0803178	0.19	0.851	.8687672	1.185865
_Icountry_3	.8693135	.0909699	-1.34	0.182	.7076587	1.067896
_Icountry_4	.7461155	.0797701	-2.74	0.006	.6046678	.9206517
_Iacqualyn_1	1.304318	.1199097	2.89	0.004	1.088643	1.562719
_Iteenmum_1	1.719038	.1670102	5.58	0.000	1.420137	2.080849
_Inewfst_1	1.313566	.0846737	4.23	0.000	1.157208	1.49105

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

7 . xi:svylogit accyn glowsad i.country i.acqualyn i.teenmum i.newfst  i.freneiyn i.finyn i.igoodyn
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
i.freneiyn        _Ifreneiyn_0-1      (naturally coded; _Ifreneiyn_0 omitted)
i.finyn           _Ifinyn_0-1         (naturally coded; _Ifinyn_0 omitted)
i.igoodyn         _Iigoodyn_0-1       (naturally coded; _Iigoodyn_0 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     14092
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  14098.26
                                                  F(  10,    380)  =     12.06
                                                  Prob > F         =    0.0000
```

accyn	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	.1456165	.0648716	2.24	0.025	.0180737	.2731592
_Icountry_2	-.0010049	.0839359	-0.01	0.990	-.1660297	.1640198
_Icountry_3	-.1377968	.1070692	-1.29	0.199	-.3483035	.0727099
_Icountry_4	-.2999382	.114846	-2.61	0.009	-.5257346	-.0741417
_Iacqualyn_1	.3692101	.1021662	3.61	0.000	.1683432	.5700771
_Iteenmum_1	.4711027	.0992034	4.75	0.000	.2760607	.6661447
_Inewfst_1	.2803213	.0661331	4.24	0.000	.1502984	.4103443
_Ifreneiyn_1	-.4660147	.1529801	-3.05	0.002	-.766786	-.1652434
_Ifinyn_1	-.2160566	.0962663	-2.24	0.025	-.4053238	-.0267893
_Iigoodyn_1	-.2218802	.0806601	-2.75	0.006	-.3804645	-.063296
_cons	-2.093199	.2032551	-10.30	0.000	-2.492815	-1.693583

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
 8 . xi:svylogit accyn glowsad i.country i.acqualyn i.teenmum i.newfst  i.freneiyn i.finyn i.igoodyn,o
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
i.freneiyn        _Ifreneiyn_0-1      (naturally coded; _Ifreneiyn_0 omitted)
i.finyn           _Ifinyn_0-1         (naturally coded; _Ifinyn_0 omitted)
i.igoodyn         _Iigoodyn_0-1       (naturally coded; _Iigoodyn_0 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     14092
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  14098.26
                                                  F(  10,    380)  =     12.06
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.156752	.0750403	2.24	0.025	1.018238	1.314109
_Icountry_2	.9989956	.0838516	-0.01	0.990	.8470211	1.178238
_Icountry_3	.8712757	.0932868	-1.29	0.199	.7058846	1.075419
_Icountry_4	.740864	.0850852	-2.61	0.009	.591121	.9285401
_Iacqualyn_1	1.446592	.1477927	3.61	0.000	1.183343	1.768403
_Iteenmum_1	1.601759	.1589	4.75	0.000	1.317928	1.946718
_Inewfst_1	1.323555	.0875307	4.24	0.000	1.162181	1.507337
_Ifreneiyn_1	.6274981	.0959947	-3.05	0.002	.4645036	.8476873
_Ifinyn_1	.8056897	.0775607	-2.24	0.025	.6667609	.9735664
_Iigoodyn_1	.8010113	.0646096	-2.75	0.006	.6835438	.9386656

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

 9 . log off
       log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash drive\Logs\S
  log type:  smcl
 paused on:   6 Sep 2005, 11:31:10
-------------------------------------------------------------------------------
       log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash drive\Logs\S
  log type:  smcl
resumed on:   6 Sep 2005, 11:54:15

10 . replace finyn=2 if finyn==0
(1430 real changes made)

11 . replace freneiyn=2 if freneiyn==0
(418 real changes made)

12 . xi:svylogit accyn glowsad i.country i.acqualyn i.teenmum i.newfst  i.freneiyn i.finyn i.igoodyn,o
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
i.freneiyn        _Ifreneiyn_1-2      (naturally coded; _Ifreneiyn_1 omitted)
i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     14092
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  14098.26
                                                  F(  10,    380)  =     12.06
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.156752	.0750403	2.24	0.025	1.018238	1.314109
_Icountry_2	.9989956	.0838516	-0.01	0.990	.8470211	1.178238
_Icountry_3	.8712757	.0932868	-1.29	0.199	.7058846	1.075419
_Icountry_4	.740864	.0850852	-2.61	0.009	.591121	.9285401
_Iacqualyn_1	1.446592	.1477927	3.61	0.000	1.183343	1.768403
_Iteenmum_1	1.601759	.1589	4.75	0.000	1.317928	1.946718
_Inewfst_1	1.323555	.0875307	4.24	0.000	1.162181	1.507337
_Ifreneiyn_2	1.59363	.2437938	3.05	0.002	1.17968	2.152836
_Ifinyn_2	1.241173	.119483	2.24	0.025	1.027151	1.499788
_Iigoodyn_2	1.248422	.1006978	2.75	0.006	1.065342	1.462964

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
13 . xi:svylogit accyn glowsad i.country i.acqualyn i.teenmum i.newfst  i.freneiyn i.finyn i.igoodyn i
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
i.freneiyn        _Ifreneiyn_1-2      (naturally coded; _Ifreneiyn_1 omitted)
i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
i.pttype          _Ipttype_1-3        (naturally coded; _Ipttype_1 omitted)

Survey logistic regression

pweight:  weight1                           Number of obs    =     14092
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  14098.26
                                            F(  12,    378)  =     10.51
                                            Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.146347	.0749034	2.09	0.037	1.008148	1.30349
_Icountry_2	.9796218	.0823967	-0.24	0.807	.8303092	1.155785
_Icountry_3	.8637796	.0931598	-1.36	0.175	.6987362	1.067807
_Icountry_4	.7247771	.0838322	-2.78	0.006	.5773537	.9098441
_Iacqualyn_1	1.506452	.155679	3.97	0.000	1.229466	1.845841
_Iteenmum_1	1.547661	.1566488	4.31	0.000	1.268386	1.888428
_Inewfst_1	1.323644	.0876363	4.23	0.000	1.162087	1.507662
_Ifreneiyn_2	1.578318	.2416214	2.98	0.003	1.168097	2.132602
_Ifinyn_2	1.227859	.1181861	2.13	0.034	1.016158	1.483664
_Iigoodyn_2	1.249469	.1008453	2.76	0.006	1.06613	1.464337
_Ipttype_2	1.188723	.0816872	2.52	0.012	1.038496	1.360682
_Ipttype_3	1.237672	.1888809	1.40	0.163	.9168506	1.670755

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
14 . test  _Ipttype_2 _Ipttype_3

Adjusted Wald test

 ( 1)  _Ipttype_2 = 0
 ( 2)  _Ipttype_3 = 0

       F(  2,    388) =    3.42
            Prob > F =    0.0338
```

```
15 . corr pttype glowsad acqualyn teenmum freneiyn finyn igoodyn
(obs=14093)
```

	pttype	glowsad	acqualyn	teenmum	freneiyn	finyn	igoodyn
pttype	1.0000						
glowsad	0.0834	1.0000					
acqualyn	-0.1982	-0.1012	1.0000				
teenmum	0.1258	0.0457	-0.1284	1.0000			
freneiyn	0.0362	0.0657	-0.0610	0.0550	1.0000		
finyn	0.0638	0.1286	-0.1050	0.0620	0.0732	1.0000	
igoodyn	0.0320	0.2669	-0.0549	0.0526	0.0427	0.1038	1.0000

```
16 . log close
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash drive\Logs\S
  log type:  smcl
 closed on:   6 Sep 2005, 12:13:22
```

```
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash driv
  log type:  smcl
 opened on:   6 Sep 2005, 12:13:44

1 . codebook acchosp

-------------------------------------------------------------------------------
acchosp
-------------------------------------------------------------------------------

                  type:  numeric (float)
                 label:  acchosp

                 range:  [0,1]                        units:  1
         unique values:  2                        missing .:  0/15170

            tabulation:  Freq.   Numeric  Label
                        15088         0  No
                           82         1  Yes

2 . xi:svylogit acchosp glowsad,or

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15164
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15066.63
                                                  F(   1,    389)  =      5.97
                                                  Prob > F         =    0.0150

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.728558   .3872682     2.44   0.015     1.112717    2.685242
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

3 . xi:svylogit acchosp glowsad i.country,or
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15164
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15066.63
                                                  F(   4,    386)  =      2.32
                                                  Prob > F         =    0.0562

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.706587   .3861702     2.36   0.019     1.093744    2.662817
  _Icountry_2 |   1.448687   .4264931     1.26   0.209     .8120802    2.584343
  _Icountry_3 |   .9868136   .3893598    -0.03   0.973     .4542915     2.14356
  _Icountry_4 |   .8671989   .3060323    -0.40   0.687     .4333057    1.735574
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
4 . test _Icountry_2 _Icountry_3

  Adjusted Wald test

   ( 1)  _Icountry_2 = 0
   ( 2)  _Icountry_3 = 0

         F(  2,    388) =    0.86
              Prob > F =    0.4259

5 . xi:svylogit accyn glowsad i.acqualyn,or
  i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)

  Survey logistic regression

  pweight:  weight1                                 Number of obs    =     15133
  Strata:   pttype2                                 Number of strata =         9
  PSU:      sprptno                                 Number of PSUs   =       398
  FPC:      Nh2                                     Population size  =  15039.98
                                                    F(   2,    388)  =     11.14
                                                    Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.267559   .073546     4.09   0.000     1.130904    1.420727
_Iacqualyn_1 |     1.2667   .1108442    2.70   0.007     1.066488    1.504498
------------------------------------------------------------------------------
  Finite population correction (FPC) assumes simple random sampling without
  replacement of PSUs within each stratum with no subsampling within PSUs.

6 . test _Iacqualyn_1

  Adjusted Wald test

   ( 1)  _Iacqualyn_1 = 0

         F(  1,    389) =    7.30
              Prob > F =    0.0072

7 . xi:svylogit accyn glowsad i.acqualyn i.teenmum,or
  i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
  i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)

  Survey logistic regression

  pweight:  weight1                                 Number of obs    =     15131
  Strata:   pttype2                                 Number of strata =         9
  PSU:      sprptno                                 Number of PSUs   =       398
  FPC:      Nh2                                     Population size  =  15038.01
                                                    F(   3,    387)  =     25.48
                                                    Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.248001   .072795     3.80   0.000     1.112782    1.399652
_Iacqualyn_1 |   1.381475   .1235662    3.61   0.000     1.158696    1.647087
 _Iteenmum_1 |   1.973767   .1795045    7.48   0.000       1.6506    2.360207
------------------------------------------------------------------------------
  Finite population correction (FPC) assumes simple random sampling without
  replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
8 . test _Iteenmum_1

  Adjusted Wald test

   ( 1)  _Iteenmum_1 = 0

         F(  1,    389) =   55.90
              Prob > F =    0.0000

9 . xi:svylogit accyn glowsad i.acqualyn i.teenmum i.lonenatp,or
i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.lonenatp        _Ilonenatp_0-1      (naturally coded; _Ilonenatp_0 omitted)

  Survey logistic regression

  pweight:  weight1                           Number of obs    =     15131
  Strata:   pttype2                           Number of strata =         9
  PSU:      sprptno                           Number of PSUs   =       398
  FPC:      Nh2                               Population size  =  15038.01
                                              F(   4,    386)  =     19.61
                                              Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.241064   .0726088     3.69   0.000     1.106213    1.392353
_Iacqualyn_1 |   1.408641   .1263552     3.82   0.000     1.180889    1.680317
 _Iteenmum_1 |   1.896232   .1817708     6.68   0.000     1.570513    2.289504
_Ilonenatp_1 |   1.115027   .0929781     1.31   0.192      .9464231   1.313668
------------------------------------------------------------------------------
  Finite population correction (FPC) assumes simple random sampling without
  replacement of PSUs within each stratum with no subsampling within PSUs.

10 . test _Ilonenatp_1

  Adjusted Wald test

   ( 1)  _Ilonenatp_1 = 0

         F(  1,    389) =    1.70
              Prob > F =    0.1924

11 . xi:svylogit accyn glowsad i.acqualyn i.teenmum i.newfst,or
i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)

  Survey logistic regression

  pweight:  weight1                           Number of obs    =     15129
  Strata:   pttype2                           Number of strata =         9
  PSU:      sprptno                           Number of PSUs   =       398
  FPC:      Nh2                               Population size  =  15035.37
                                              F(   4,    386)  =     23.71
                                              Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.259773   .0739595     3.93   0.000      1.12244    1.413908
_Iacqualyn_1 |   1.313597   .1202767     2.98   0.003     1.097187    1.572693
 _Iteenmum_1 |   1.726304   .1678103     5.62   0.000     1.425987    2.089868
  _Inewfst_1 |   1.314958    .084627     4.25   0.000     1.158671    1.492326
------------------------------------------------------------------------------
  Finite population correction (FPC) assumes simple random sampling without
  replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
12 . xi:svylogit acchosp glowsad i.acqualyn,or
i.acqualyn        _Iacqualyn_0-1      (naturally coded; _Iacqualyn_0 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15133
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15039.98
                                                  F(   2,    388)  =      3.90
                                                  Prob > F         =    0.0211

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.679163   .3786339     2.30   0.022     1.077846    2.615948
_Iacqualyn_1 |   .6991337   .1878435    -1.33   0.184      .4122354    1.185701
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

13 . test _Iacqualyn_1

Adjusted Wald test

 ( 1)  _Iacqualyn_1 = 0

       F(  1,    389) =    1.77
            Prob > F =    0.1836

14 . xi:svylogit accyn glowsad i.teenmum,or
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15162
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15064.66
                                                  F(   2,    388)  =     32.26
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.221363   .0709911     3.44   0.001     1.089469    1.369225
_Iteenmum_1  |   1.867686   .1668985     6.99   0.000     1.566759    2.226413
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

15 . test _Iteenmum_1

Adjusted Wald test

 ( 1)  _Iteenmum_1 = 0

       F(  1,    389) =   48.87
            Prob > F =    0.0000

16 . xi:svylogit acchosp glowsad i.teenmum,or
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15162
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15064.66
                                                  F(   2,    388)  =      8.14
                                                  Prob > F         =    0.0003
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.658469	.3708867	2.26	0.024	1.068458	2.57429
_Iteenmum_1	2.871664	.8909786	3.40	0.001	1.560309	5.285139

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
17 . test  _Iteenmum_1

   Adjusted Wald test

    ( 1)  _Iteenmum_1 = 0

          F(  1,    389) =   11.56
               Prob > F =    0.0007
```

```
18 . xi:svylogit accyn glowsad i.teenmum i.newfst,or
i.teenmum          _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.newfst           _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15159
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15061.26
                                                  F(   3,    387)  =     28.36
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.238911	.0726061	3.66	0.000	1.104079	1.39021
_Iteenmum_1	1.628339	.1534207	5.17	0.000	1.352991	1.959723
_Inewfst_1	1.348989	.0853061	4.73	0.000	1.191278	1.52758

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
19 . xi:svylogit acchosp glowsad i.teenmum i.newfst,or
i.teenmum          _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.newfst           _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     15159
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15061.26
                                                  F(   3,    387)  =      6.83
                                                  Prob > F         =    0.0002
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.630607	.3668197	2.17	0.030	1.047771	2.537654
_Iteenmum_1	3.41222	1.081783	3.87	0.000	1.829518	6.364104
_Inewfst_1	.7064675	.1933973	-1.27	0.205	.4124262	1.210147

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
20 . test  _Inewfst_1

   Adjusted Wald test

    ( 1)  _Inewfst_1 = 0

          F(  1,    389) =    1.61
               Prob > F =    0.2051

21 . xi:svylogit acchosp glowsad  i.teenmum i.newfst  i.lonenatp  ,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
   i.lonenatp        _Ilonenatp_0-1      (naturally coded; _Ilonenatp_0 omitted)

   Survey logistic regression

   pweight:  weight1                                 Number of obs    =     15159
   Strata:   pttype2                                 Number of strata =         9
   PSU:      sprptno                                 Number of PSUs   =       398
   FPC:      Nh2                                     Population size  =  15061.26
                                                     F(   4,    386)  =      5.62
                                                     Prob > F         =    0.0002

------------------------------------------------------------------------------
    acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------------
     glowsad |   1.661877   .373109     2.26   0.024     1.068806    2.584039
 _Iteenmum_1 |   3.865074  1.300024     4.02   0.000     1.995084    7.487801
  _Inewfst_1 |   .7098525  .1945344    -1.25   0.212     .4141609    1.216654
_Ilonenatp_1 |   .7001682  .2198461    -1.14   0.257     .3776584    1.298093
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

22 . test  _Ilonenatp_1

   Adjusted Wald test

    ( 1)  _Ilonenatp_1 = 0

          F(  1,    389) =    1.29
               Prob > F =    0.2570

23 . xi:svylogit acchosp glowsad  i.teenmum  i.hpartlkyn ,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)

   Survey logistic regression

   pweight:  weight1                                 Number of obs    =     14644
   Strata:   pttype2                                 Number of strata =         9
   PSU:      sprptno                                 Number of PSUs   =       398
   FPC:      Nh2                                     Population size  =  14613.99
                                                     F(   3,    387)  =      6.41
                                                     Prob > F         =    0.0003

------------------------------------------------------------------------------
    acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------------
     glowsad |   1.429333  .3472068     1.47   0.142     .8865803     2.30435
 _Iteenmum_1 |   2.857026  .8770107     3.42   0.001     1.562458    5.224201
_Ihpartlky~1 |   .5841745  .1542389    -2.04   0.042     .3476157    .9817158
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
24 . test _Ihpartlkyn_1

   Adjusted Wald test

    ( 1)  _Ihpartlkyn_1 = 0

          F(  1,    389) =    4.15
               Prob > F =    0.0424

25 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.freneiyn ,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.freneiyn        _Ifreneiyn_1-2      (naturally coded; _Ifreneiyn_1 omitted)

   Survey logistic regression

   pweight:  weight1                           Number of obs    =     14336
   Strata:   pttype2                           Number of strata =         9
   PSU:      sprptno                           Number of PSUs   =       398
   FPC:      Nh2                               Population size  =  14333.33
                                               F(   4,    386)  =      4.60
                                               Prob > F         =    0.0012

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.415776   .351265     1.40   0.162     .8692519    2.305915
  _Iteenmum_1|   2.877605   .8916615    3.41   0.001     1.564778    5.291876
_Ihpartlky~1 |   .6460044   .1770827   -1.59   0.112     .3768564    1.107376
_Ifreneiyn_2 |   1.893873   .9489253    1.27   0.203     .7071724    5.071969
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

26 . test _Ifreneiyn_2

   Adjusted Wald test

    ( 1)  _Ifreneiyn_2 = 0

          F(  1,    389) =    1.62
               Prob > F =    0.2032

27 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.frenyn,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)

   Survey logistic regression

   pweight:  weight1                           Number of obs    =     14644
   Strata:   pttype2                           Number of strata =         9
   PSU:      sprptno                           Number of PSUs   =       398
   FPC:      Nh2                               Population size  =  14613.99
                                               F(   4,    386)  =      4.93
                                               Prob > F         =    0.0007

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.433365   .3466683    1.49   0.137      .890935    2.306045
  _Iteenmum_1|   2.855416   .8775762    3.41   0.001     1.560439    5.225068
_Ihpartlky~1 |   .5782152   .156707    -2.02   0.044     .3393737    .9851464
   _Ifrenyn_1|   1.062249   .3053373    0.21   0.834     .6036565    1.869231
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
28 . test  _Ifrenyn_1

   Adjusted Wald test

    ( 1)  _Ifrenyn_1 = 0

          F(  1,    389) =    0.04
               Prob > F =    0.8337

29 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.frenyn i.finyn,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)
   i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)

   Survey logistic regression

   pweight:  weight1                           Number of obs    =     14629
   Strata:   pttype2                           Number of strata =         9
   PSU:      sprptno                           Number of PSUs   =       398
   FPC:      Nh2                               Population size  =  14599.98
                                               F(   5,    385)  =      5.42
                                               Prob > F         =    0.0001

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.371619    .341695     1.27   0.205     .8404697    2.238437
 _Iteenmum_1 |   2.765584    .857616     3.28   0.001     1.503151    5.088278
_Ihpartlky~1 |   .5983932   .1637065    -1.88   0.061     .3494547    1.024666
  _Ifrenyn_1 |    1.06637   .3055783     0.22   0.823     .6070534    1.873221
  _Ifinyn_2  |   1.655533   .5454742     1.53   0.127     .8661716    3.164257
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

30 . test _Ifrenyn_1

   Adjusted Wald test

    ( 1)  _Ifrenyn_1 = 0

          F(  1,    389) =    0.05
               Prob > F =    0.8227

31 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.frenyn i.finyn i.igoodyn,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)
   i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

   Survey logistic regression

   pweight:  weight1                           Number of obs    =     14149
   Strata:   pttype2                           Number of strata =         9
   PSU:      sprptno                           Number of PSUs   =       398
   FPC:      Nh2                               Population size  =  14153.28
                                               F(   6,    384)  =      9.15
                                               Prob > F         =    0.0000

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.136892   .2876454     0.51   0.612      .691328    1.869623
 _Iteenmum_1 |   2.576542   .8355174     2.92   0.004     1.361912    4.874444
_Ihpartlky~1 |   .6873795    .193705    -1.33   0.184     .3949822    1.196233
  _Ifrenyn_1 |   1.046974   .3022777     0.16   0.874     .5934908    1.846963
  _Ifinyn_2  |   1.561231   .5342972     1.30   0.194     .7966226    3.059718
 _Iigoodyn_2 |   2.446962   .6406745     3.42   0.001       1.4624     4.09438
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
32 . test  _Iigoodyn_2

   Adjusted Wald test

    ( 1)  _Iigoodyn_2 = 0

          F(  1,    389) =   11.68
               Prob > F =    0.0007

33 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.frenyn i.finyn i.igoodyn iuselsyn ,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)
   i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
   variable iuselsyn not found
   r(111);

34 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.frenyn i.finyn i.igoodyn i.uselsyn ,o
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)
   i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
   i.uselsyn         _Iuselsyn_0-1       (naturally coded; _Iuselsyn_0 omitted)

   Survey logistic regression

   pweight:  weight1                     Number of obs    =     13926
   Strata:   pttype2                     Number of strata =         9
   PSU:      sprptno                     Number of PSUs   =       398
   FPC:      Nh2                         Population size  =  13936.76
                                         F(   7,    383)  =      7.11
                                         Prob > F         =    0.0000

------------------------------------------------------------------------------
    acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------------
     glowsad |   1.056691   .2872237     0.20   0.839     .6192373    1.803179
  _Iteenmum_1|   2.325249   .7656464     2.56   0.011     1.217069    4.442461
_Ihpartlky~1 |   .6124465   .1863138    -1.61   0.108     .3367549    1.113839
   _Ifrenyn_1|   1.076257   .3207462     0.25   0.805     .5990306    1.933672
    _Ifinyn_2|    1.58578   .5438454     1.34   0.180     .8079999    3.112252
  _Iigoodyn_2|   2.380425   .7093067     2.91   0.004     1.325032    4.276444
  _Iuselsyn_1|   1.091326   .3132049     0.30   0.761     .6207288    1.918702
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

35 . test _Iuselsyn_1

   Adjusted Wald test

    ( 1)  _Iuselsyn_1 = 0

          F(  1,    389) =    0.09
               Prob > F =    0.7609

36 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.frenyn i.finyn i.igoodyn i.uselsyn i.
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)
   i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
   i.uselsyn         _Iuselsyn_0-1       (naturally coded; _Iuselsyn_0 omitted)
   i.hworry          _Ihworry_1-2        (naturally coded; _Ihworry_1 omitted)

   Survey logistic regression
```

```
pweight:  weight1                                 Number of obs    =     13923
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  13932.89
                                                  F(   8,    382)  =      6.41
                                                  Prob > F         =    0.0000
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.030543	.2728568	0.11	0.910	.6123368	1.734372
_Iteenmum_1	2.314937	.7600712	2.56	0.011	1.213917	4.41458
_Ihpartlky~1	.6164556	.1869305	-1.60	0.111	.3396118	1.118976
_Ifrenyn_1	1.080057	.3258608	0.26	0.799	.5968038	1.954617
_Ifinyn_2	1.566135	.547851	1.28	0.200	.7873003	3.11543
_Iigoodyn_2	2.340336	.691732	2.88	0.004	1.308892	4.184588
_Iuselsyn_1	1.10766	.3254594	0.35	0.728	.6216136	1.97375
_Ihworry_2	.9037315	.2377529	-0.38	0.701	.5387746	1.515904

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

37 . test  _Ihworry_2

Adjusted Wald test

 ( 1)  _Ihworry_2 = 0

       F(  1,    389) =    0.15
            Prob > F =    0.7006

38 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.frenyn i.finyn i.igoodyn i.uselsyn i.
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
i.frenyn          _Ifrenyn_0-1        (naturally coded; _Ifrenyn_0 omitted)
i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
i.uselsyn         _Iuselsyn_0-1       (naturally coded; _Iuselsyn_0 omitted)
i.hupset          _Ihupset_1-2        (naturally coded; _Ihupset_1 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     13913
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  13922.08
                                                  F(   8,    382)  =      6.35
                                                  Prob > F         =    0.0000
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.060423	.2889745	0.22	0.830	.6205763	1.812019
_Iteenmum_1	2.323944	.7708137	2.54	0.011	1.21064	4.461041
_Ihpartlky~1	.6123829	.1877823	-1.60	0.111	.3351153	1.119056
_Ifrenyn_1	1.075136	.3229727	0.24	0.810	.5956115	1.940724
_Ifinyn_2	1.586978	.5457966	1.34	0.180	.8070687	3.120553
_Iigoodyn_2	2.386412	.6854014	3.03	0.003	1.356778	4.197416
_Iuselsyn_1	1.088512	.3248396	0.28	0.776	.6053693	1.957249
_Ihupset_2	1.016262	.2672865	0.06	0.951	.6059449	1.704427

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
39 . test  _Ihupset_2

   Adjusted Wald test

    ( 1)  _Ihupset_2 = 0

          F(  1,    389) =    0.00
               Prob > F =    0.9511

40 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.finyn i.igoodyn ,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

   Survey logistic regression

   pweight:  weight1                             Number of obs    =     14149
   Strata:   pttype2                             Number of strata =         9
   PSU:      sprptno                             Number of PSUs   =       398
   FPC:      Nh2                                 Population size  =  14153.28
                                                 F(   5,    385)  =      9.53
                                                 Prob > F         =    0.0000

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.134468   .2874161     0.50   0.619     .6893955    1.866879
  _Iteenmum_1|   2.578093   .8347395     2.92   0.004     1.364064    4.872617
_Ihpartlky~1 |   .6927344   .1893127    -1.34   0.180     .4047824    1.185528
   _Ifinyn_2 |   1.560853   .5349235     1.30   0.195     .7956728    3.061891
 _Iigoodyn_2 |   2.445845   .6400885     3.42   0.001     1.462077    4.091545
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

41 . test  _Ifinyn_2

   Adjusted Wald test

    ( 1)  _Ifinyn_2 = 0

          F(  1,    389) =    1.69
               Prob > F =    0.1947

42 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn  i.igoodyn i.pttype ,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
   i.pttype          _Ipttype_1-3        (naturally coded; _Ipttype_1 omitted)

   Survey logistic regression

   pweight:  weight1                             Number of obs    =     14160
   Strata:   pttype2                             Number of strata =         9
   PSU:      sprptno                             Number of PSUs   =       398
   FPC:      Nh2                                 Population size  =  14163.71
                                                 F(   6,    384)  =      8.16
                                                 Prob > F         =    0.0000

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     glowsad |   1.178631   .2960977     0.65   0.513      .719234     1.93146
  _Iteenmum_1|   2.668897   .9197444     2.85   0.005     1.355435    5.255148
_Ihpartlky~1 |   .6715037   .1847721    -1.45   0.149     .3909304    1.153446
 _Iigoodyn_2 |   2.501034   .6342414     3.61   0.000     1.519107    4.117664
  _Ipttype_2 |   .9590577   .2568949    -0.16   0.876     .5664072    1.623905
  _Ipttype_3 |   1.364537   .7191641     0.59   0.556     .4841375    3.845934
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
43 . test  _Ipttype_2 _Ipttype_3

   Adjusted Wald test

    ( 1)  _Ipttype_2 = 0
    ( 2)  _Ipttype_3 = 0

          F(  2,    388) =    0.25
               Prob > F =    0.7824

44 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.igoodyn ,or
   i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

   Survey logistic regression

   pweight:  weight1                             Number of obs    =     14160
   Strata:   pttype2                             Number of strata =         9
   PSU:      sprptno                             Number of PSUs   =       398
   FPC:      Nh2                                 Population size  =  14163.71
                                                 F(   4,    386)  =      9.38
                                                 Prob > F         =    0.0000

------------------------------------------------------------------------------
    acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------------
    glowsad |   1.176177   .2915331     0.65   0.513     .7224885    1.914759
 _Iteenmum_1|   2.647536   .8511859     3.03   0.003     1.407102    4.981478
_Ihpartlky~1|   .6727876   .1837485    -1.45   0.148     .3932569    1.151011
 _Iigoodyn_2|   2.502465   .6355947     3.61   0.000     1.518793    4.123227
------------------------------------------------------------------------------
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

45 . corr igoodyn glowsad teenmum hpartlkyn
   (obs=14160)

             |  igoodyn  glowsad  teenmum hpartl~n
-------------+------------------------------------
    igoodyn  |   1.0000
    glowsad  |   0.2668   1.0000
    teenmum  |   0.0536   0.0443   1.0000
  hpartlkyn  |  -0.1395  -0.1418  -0.0780   1.0000

46 . codebook hpartlkyn

-------------------------------------------------------------------------------
hpartlkyn
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [0,1]                        units:  1
           unique values:  2                  missing .:  0/15170
       unique mv codes:  2                    missing .*:  523/15170

            tabulation:  Freq.  Value
                         2837  0
                        11810  1
                          521  .a
                            2  .c
```

```
47 . replace hpartlkyn=2 if hpartalkyn==0
hpartalkyn not found
r(111);

48 . replace hpartlkyn=2 if hpartlkyn==0
(2837 real changes made)

49 . xi:svylogit acchosp glowsad i.teenmum i.hpartlkyn i.igoodyn ,or
i.teenmum         _Iteenmum_0-1       (naturally coded; _Iteenmum_0 omitted)
i.hpartlkyn       _Ihpartlkyn_1-2     (naturally coded; _Ihpartlkyn_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight1                                 Number of obs    =     14160
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  14163.71
                                                  F(   4,     386)  =      9.38
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
    acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------------
    glowsad |   1.176177   .2915331     0.65   0.513     .7224885    1.914759
 _Iteenmum_1|   2.647536   .8511859     3.03   0.003     1.407102    4.981478
_Ihpartlky~2|   1.486353   .4059456     1.45   0.148     .8688013    2.542867
 _Iigoodyn_2|   2.502465   .6355947     3.61   0.000     1.518793    4.123227
------------------------------------------------------------------------------
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

50 . log close
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash driv
  log type:  smcl
 closed on:   6 Sep 2005, 14:08:06
```

```
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash driv
  log type:  smcl
 opened on:   6 Sep 2005, 15:07:28

1 . svyprop acqualyn, by accyn
option by incorrectly specified
r(198);

2 . svyprop acqualyn, by (accyn)

pweight:  weight2                       Number of obs      =     15136
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  15881.37

Survey proportions estimation

->  accyn=No
```

acqualyn	Obs	Est. Prop.	Std. Err.
0	2305	0.131385	0.005594
has academic qualifications	11541	0.868615	0.005594

```
->  accyn=Yes
```

acqualyn	Obs	Est. Prop.	Std. Err.
0	185	0.105000	0.008646
has academic qualifications	1105	0.895000	0.008646

```
3 . svyprop accyn, by (acqualyn)

pweight:  weight2                       Number of obs      =     15136
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  15881.37

Survey proportions estimation

->  acqualyn=
```

accyn	Obs	Est. Prop.	Std. Err.
No	2305	0.931536	0.005993
Yes	185	0.068464	0.005993

```
->  acqualyn=has academic qualifications
```

accyn	Obs	Est. Prop.	Std. Err.
No	11541	0.913444	0.003278
Yes	1105	0.086556	0.003278

```
4 . svyprop accyn, by (teenmum)

pweight:  weight2                                 Number of obs      =     15168
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15906.23

Survey proportions estimation

-> teenmum=0

      accyn      Obs    Est. Prop.    Std. Err.
         No    12660      0.920158     0.003077
        Yes     1104      0.079842     0.003077

-> teenmum=1

      accyn      Obs    Est. Prop.    Std. Err.
         No     1217      0.865067     0.010536
        Yes      187      0.134933     0.010536

5 . svyprop teenmum

pweight:  weight2                                 Number of obs      =     15168
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15906.23

Survey proportions estimation

    teenmum      Obs    Est. Prop.    Std. Err.
          0    13764      0.922666     0.003322
          1     1404      0.077334     0.003322

6 . svyprop newfst

pweight:  weight2                                 Number of obs      =     15165
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15903.73

Survey proportions estimation

     newfst      Obs    Est. Prop.    Std. Err.
         no     8593      0.563434     0.005772
        yes     6572      0.436566     0.005772
```

```
7 . svyprop accyn, by (newfst)

pweight:  weight2                                 Number of obs      =     15165
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15903.73

Survey proportions estimation

->  newfst=no

      accyn      Obs    Est. Prop.    Std. Err.
-------------------------------------------------
         No     7967      0.929352     0.003432
        Yes      626      0.070648     0.003432

->  newfst=yes

      accyn      Obs    Est. Prop.    Std. Err.
-------------------------------------------------
         No     5907      0.898504     0.004548
        Yes      665      0.101496     0.004548

8 . svyprop freneiyn

pweight:  weight2                                 Number of obs      =     14633
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15422.53

Survey proportions estimation

    freneiyn      Obs    Est. Prop.    Std. Err.
-------------------------------------------------
           1    14215      0.973478     0.001666
           2      418      0.026522     0.001666

9 . svyprop accyn, by (freneiyn)

pweight:  weight2                                 Number of obs      =     14633
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15422.53

Survey proportions estimation

->  freneiyn=1

      accyn      Obs    Est. Prop.    Std. Err.
-------------------------------------------------
         No    13029      0.916915     0.003055
        Yes     1186      0.083085     0.003055

->  freneiyn=2
```

accyn	Obs	Est. Prop.	Std. Err.
No	359	0.860576	0.018909
Yes	59	0.139424	0.018909

```
10 . svyprop finyn

pweight:  weight2                       Number of obs      =     15146
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  15887.49

Survey proportions estimation
```

finyn	Obs	Est. Prop.	Std. Err.
1	13716	0.907810	0.003147
2	1430	0.092190	0.003147

```
11 . svyprop accyn, by (finyn)

pweight:  weight2                       Number of obs      =     15146
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  15887.49

Survey proportions estimation

->  finyn=1
```

accyn	Obs	Est. Prop.	Std. Err.
No	12577	0.918247	0.003004
Yes	1139	0.081753	0.003004

```
->  finyn=2
```

accyn	Obs	Est. Prop.	Std. Err.
No	1278	0.891689	0.009349
Yes	152	0.108311	0.009349

```
12 . svyprop igoodyn

pweight:  weight2                       Number of obs      =     14438
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  15249.12

Survey proportions estimation
```

igoodyn	Obs	Est. Prop.	Std. Err.
1	11018	0.765501	0.004489
2	3420	0.234499	0.004489

```
13 . svyprop accyn, by (igoodyn)

pweight:  weight2                                 Number of obs      =     14438
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15249.12

Survey proportions estimation

-> igoodyn=1

      accyn      Obs    Est. Prop.   Std. Err.
         No    10133      0.921163    0.003385
        Yes      885      0.078837    0.003385

-> igoodyn=2

      accyn      Obs    Est. Prop.   Std. Err.
         No     3071      0.896264    0.006506
        Yes      349      0.103736    0.006506

14 . svyprop hpartlkyn

pweight:  weight2                                 Number of obs      =     14647
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =   15464.1

Survey proportions estimation

   hpartlkyn      Obs    Est. Prop.   Std. Err.
           1    11810      0.822221    0.004425
           2     2837      0.177779    0.004425

15 . svyprop acchosp, by (igoodyn)

pweight:  weight2                                 Number of obs      =     14438
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15249.12

Survey proportions estimation

-> igoodyn=1

    acchosp      Obs    Est. Prop.   Std. Err.
         No    10971      0.996782    0.000548
        Yes       47      0.003218    0.000548

-> igoodyn=2
```

acchosp	Obs	Est. Prop.	Std. Err.
No	3387	0.988677	0.002593
Yes	33	0.011323	0.002593

16 . svyprop acchosp, by (teenmum)

pweight:	weight2	Number of obs	= 15168
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15906.23

Survey proportions estimation

-> teenmum=0

acchosp	Obs	Est. Prop.	Std. Err.
No	13697	0.995574	0.000678
Yes	67	0.004426	0.000678

-> teenmum=1

acchosp	Obs	Est. Prop.	Std. Err.
No	1389	0.988163	0.003501
Yes	15	0.011837	0.003501

17 . svyprop hpartlkyn

pweight:	weight2	Number of obs	= 14647
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15464.1

Survey proportions estimation

hpartlkyn	Obs	Est. Prop.	Std. Err.
1	11810	0.822221	0.004425
2	2837	0.177779	0.004425

18 . svyprop acchosp, by (hpartlkyn)

pweight:	weight2	Number of obs	= 14647
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15464.1

Survey proportions estimation

-> hpartlkyn=1

acchosp	Obs	Est. Prop.	Std. Err.
No	11755	0.995921	0.000649
Yes	55	0.004079	0.000649

```
22 . svyset (pweight=weight1)
   varlist not allowed
   r(101);

23 . svyset [pweight=weight1]
   pweight is weight1
   strata is pttype2
   psu is sprptno
   fpc is Nh2

24 . svyprop country
```

pweight:	weight1	Number of obs	= 15170
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15072.47

Survey proportions estimation

country	Obs	Est. Prop.	Std. Err.
england	8375	0.552732	0.014923
wales	2644	0.173617	0.013206
scotland	2244	0.146659	0.007949
ni	1907	0.126991	0.007312

```
25 . svyprop accyn, by (country)
```

pweight:	weight1	Number of obs	= 15170
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15072.47

Survey proportions estimation

-> country=england

accyn	Obs	Est. Prop.	Std. Err.
No	7633	0.914199	0.003621
Yes	742	0.085801	0.003621

-> country=wales

accyn	Obs	Est. Prop.	Std. Err.
No	2390	0.911657	0.005152
Yes	254	0.088343	0.005152

-> country=scotland

accyn	Obs	Est. Prop.	Std. Err.
No	2074	0.924081	0.006611
Yes	170	0.075919	0.006611

-> country=ni

-> hpartlkyn=2

acchosp	Obs	Est. Prop.	Std. Err.
No	2813	0.990845	0.002267
Yes	24	0.009155	0.002267

```
19 . svyset pttype
varlist not allowed
r(101);

20 . svyprop pttype
```

pweight:	weight2	Number of obs	= 15170
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15908.46

Survey proportions estimation

pttype	Obs	Est. Prop.	Std. Err.
adv	6836	0.647163	0.016252
dis	7931	0.343464	0.016172
eth	403	0.009373	0.001322

```
21 . svyprop accyn, by (pttype)
```

pweight:	weight2	Number of obs	= 15170
Strata:	pttype2	Number of strata	= 9
PSU:	sprptno	Number of PSUs	= 398
FPC:	Nh2	Population size	= 15908.46

Survey proportions estimation

-> pttype=adv

accyn	Obs	Est. Prop.	Std. Err.
No	6311	0.921041	0.004140
Yes	525	0.078959	0.004140

-> pttype=dis

accyn	Obs	Est. Prop.	Std. Err.
No	7205	0.906654	0.003998
Yes	726	0.093346	0.003998

-> pttype=eth

accyn	Obs	Est. Prop.	Std. Err.
No	363	0.900744	0.010080
Yes	40	0.099256	0.010080

accyn	Obs	Est. Prop.	Std. Err.
No	1782	0.935765	0.005916
Yes	125	0.064235	0.005916

```
26 . codebook hpartlkyn

-------------------------------------------------------------------------------
hpartlkyn
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [1,2]                        units:  1
           unique values:  2                    missing .:  0/15170
       unique mv codes:  2                      missing .*:  523/15170

            tabulation:  Freq.  Value
                        11810  1
                         2837  2
                          521  .a
                            2  .c

27 . svyset [pweight=weight2]
   pweight is weight2
   strata is pttype2
   psu is sprptno
   fpc is Nh2

28 . svyprop glowsad

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     15164
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  15903.89
------------------------------------------------------------------------------

   Survey proportions estimation
```

glowsad	Obs	Est. Prop.	Std. Err.
0	9912	0.675374	0.006594
yes	5252	0.324626	0.006594

```
29 . svyprop accyn, by (glowsad)

------------------------------------------------------------------------------
pweight:  weight2                             Number of obs      =     15164
Strata:   pttype2                             Number of strata   =         9
PSU:      sprptno                             Number of PSUs     =       398
FPC:      Nh2                                 Population size    =  15903.89
------------------------------------------------------------------------------

   Survey proportions estimation

   -> glowsad=
```

accyn	Obs	Est. Prop.	Std. Err.
No	9127	0.921794	0.003290
Yes	785	0.078206	0.003290

```
   -> glowsad=yes
```

accyn	Obs	Est. Prop.	Std. Err.
No	4746	0.903593	0.004846
Yes	506	0.096407	0.004846

```
30 . svyprop acchosp, by (glowsad)
```

```
pweight:  weight2                          Number of obs      =     15164
Strata:   pttype2                          Number of strata   =         9
PSU:      sprptno                          Number of PSUs     =       398
FPC:      Nh2                              Population size    =  15903.89
```

Survey proportions estimation

-> glowsad=

acchosp	Obs	Est. Prop.	Std. Err.
No	9868	0.996023	0.000672
Yes	44	0.003977	0.000672

-> glowsad=yes

acchosp	Obs	Est. Prop.	Std. Err.
No	5214	0.992874	0.001518
Yes	38	0.007126	0.001518

```
31 . codebook glowsad
```

glowsad

```
                type:  numeric (byte)
               label:  glowsad, but 1 nonmissing value is not labeled

               range:  [0,1]                        units:  1
         unique values:  2                        missing .:  0/15170
     unique mv codes:  2                          missing .*:  6/15170

         tabulation:  Freq.   Numeric  Label
                      9912         0
                      5252         1  yes
                         3        .a  not applicable
                         3        .b  don't know
```

```
32 . exit, clear
```

```
      log:  C:\Documents and Settings\spkajdc\My Documents\Ziggurat Aug 05\Al's flash driv
  log type:  smcl
 opened on:  10 Sep 2005, 14:08:53

1 . keep if methuk9==0
(3369 observations deleted)

2 . keep if border==1
(230 observations deleted)

3 . corr gdepres glowsad
(obs=15163)

             | gdepres  glowsad
-------------+------------------
    gdepres  |  1.0000
    glowsad  | -0.4390   1.0000


4 . corr gdepres glowsad by accyn
variable by not found
r(111);

5 . corr gdepres glowsad by (accyn)
variable by not found
r(111);

6 . corr gdepres hdepres
(obs=14975)

             | gdepres  hdepres
-------------+------------------
    gdepres  |  1.0000
    hdepres  |  0.3590   1.0000


7 . corr gdepres glowsad hdepres
(obs=14972)

             | gdepres  glowsad  hdepres
-------------+---------------------------
    gdepres  |  1.0000
    glowsad  | -0.4370   1.0000
    hdepres  |  0.3590  -0.4316   1.0000


8 . svytab accyn gdepres

pweight:  weight2                       Number of obs      =     15166
Strata:   pttype2                       Number of strata   =         9
PSU:      sprptno                       Number of PSUs     =       398
FPC:      Nh2                           Population size    =  15905.96

main:
whether
had
accident      main:depression
or injury       yes        no     Total
-----------------------------------------
       No     .2314     .6845     .9159
      Yes     .0257     .0584     .0841

    Total     .2572     .7428         1
-----------------------------------------
  Key:  cell proportions

  Pearson:
    Uncorrected   chi2(1)         =   17.2198
    Design-based  F(1, 389)       =   14.4241     P = 0.0002
```

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
 9 . svytab accyn glowsad

pweight:  weight2                         Number of obs      =     15164
Strata:   pttype2                         Number of strata   =         9
PSU:      sprptno                         Number of PSUs     =       398
FPC:      Nh2                             Population size    =  15903.89
```

main: whether had accident or injury	main:felt low or sad 0	yes	Total
No	.6226	.2933	.9159
Yes	.0528	.0313	.0841
Total	.6754	.3246	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = **14.2950**
  Design-based F(1, 389) = **12.9248** P = **0.0004**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
10 . svytab accyn hdepres

pweight:  weight2                         Number of obs      =     14976
Strata:   pttype2                         Number of strata   =         9
PSU:      sprptno                         Number of PSUs     =       398
FPC:      Nh2                             Population size    =  15754.77
```

main: whether had accident or injury	main:often miserable or depressed yes	no	Total
No	.1173	.7984	.9157
Yes	.014	.0703	.0843
Total	.1313	.8687	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = **14.9959**
  Design-based F(1, 389) = **12.1924** P = **0.0005**

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
11 . svytab acchosp depres
variable depres not found
r(111);
```

```
12 . svytab acchosp gdepres

pweight:  weight2                                 Number of obs      =     15166
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15905.96
```

whether admitted to hospital	main:depression yes	no	Total
No	.2556	.7394	.995
Yes	.0016	.0034	.005
Total	.2572	.7428	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 1.2625
  Design-based F(1, 389) = 1.1042 P = 0.2940

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
13 . svytab acchosp glowsad

pweight:  weight2                                 Number of obs      =     15164
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15903.89
```

whether admitted to hospital	main:felt low or sad 0	yes	Total
No	.6727	.3223	.995
Yes	.0027	.0023	.005
Total	.6754	.3246	1

Key: **cell proportions**

Pearson:
  Uncorrected chi2(1) = 6.6261
  Design-based F(1, 389) = 5.1570 P = 0.0237

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
14 . svytab acchosp hdepres

pweight:  weight2                                 Number of obs      =     14976
Strata:   pttype2                                 Number of strata   =         9
PSU:      sprptno                                 Number of PSUs     =       398
FPC:      Nh2                                     Population size    =  15754.77
```

whether admitted to hospital	main:often miserable or depressed yes	no	Total
No	.1303	.8647	.995
Yes	.001	.004	.005
Total	.1313	.8687	1

Key: **cell proportions**

```
  Pearson:
    Uncorrected   chi2(1)         =    3.6392
    Design-based  F(1, 389)       =    3.5343     P = 0.0609

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

15 . codebook matagebth
variable matagebth not found
r(111);

16 . codebook magebth

-------------------------------------------------------------------------------
magebth
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  magebth, but 37 nonmissing values are not labeled

                 range:  [14,51]                      units:  1
         unique values:  37                       missing .:  0/15170
     unique mv codes:    1                    missing .*:  2/15170

              examples:  22
                         27
                         30
                         34

17 . codebook magebtg

-------------------------------------------------------------------------------
magebtg
-------------------------------------------------------------------------------

                  type:  numeric (byte)
                 label:  magebtg

                 range:  [1,4]                        units:  1
         unique values:  4                        missing .:  0/15170
     unique mv codes:    1                    missing .*:  2/15170

            tabulation:  Freq.   Numeric  Label
                         1404          1  14 to 19
                         6881          2  20 to 29
                         6570          3  30 to 39
                          313          4  40 plus
                            2         .b  don't know

18 . xi svylogit accyn magebthg

19 . xi: svylogit accyn magebthg, or
magebthg ambiguous abbreviation
r(111);

20 . xi: svylogit accyn magebtg, or

Survey logistic regression

pweight:  weight2                                 Number of obs    =     15168
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15906.23
                                                  F(   1,    389)  =     43.27
                                                  Prob > F         =    0.0000

------------------------------------------------------------------------------
       accyn | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     magebtg |   .7096174   .0370039    -6.58   0.000     .6404698    .7862304
------------------------------------------------------------------------------

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
21 . xi: svylogit accyn glowsad magebtg, or

Survey logistic regression

pweight:  weight2                                 Number of obs    =     15162
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15901.66
                                                  F(   2,    388)  =     25.40
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.205685	.0776756	2.90	0.004	1.062245	1.368495
magebtg	.7179317	.0375365	-6.34	0.000	.6477984	.7956579

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

22 . xi: svylogit accyn glowsad i. magebtg, or
varlist required
r(100);

23 . xi: svylogit accyn glowsad i.magebtg, or
i.magebtg         _Imagebtg_1-4       (naturally coded; _Imagebtg_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     15162
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15901.66
                                                  F(   4,    386)  =     15.15
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.207484	.0776454	2.93	0.004	1.064082	1.370211
_Imagebtg_2	.6517421	.0695663	-4.01	0.000	.5283672	.8039253
_Imagebtg_3	.5056799	.0548441	-6.29	0.000	.4085729	.6258667
_Imagebtg_4	.2352423	.0808145	-4.21	0.000	.1197246	.4622187

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

24 . replace magebtg=5 if magebtg==3
(6570 real changes made)

25 . replace magebtg=6 if magebtg==2
(6881 real changes made)

26 . replace magebtg=7 if magebtg==1
(1404 real changes made)

27 . xi: svylogit accyn glowsad i.magebtg, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     15162
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15901.66
                                                  F(   4,    386)  =     15.15
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.207484	.0776454	2.93	0.004	1.064082	1.370211
_Imagebtg_5	2.149613	.7249759	2.27	0.024	1.107615	4.171876
_Imagebtg_6	2.770514	.9023993	3.13	0.002	1.460311	5.256239
_Imagebtg_7	4.250936	1.460354	4.21	0.000	2.163478	8.352501

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
28 . codebook acqualyn

-------------------------------------------------------------------------------
acqualyn
-------------------------------------------------------------------------------

                  type:  numeric (float)
                 label:  acqualyn, but 1 nonmissing value is not labeled

                 range:  [0,1]                        units:  1
         unique values:  2                        missing .:  0/15170
     unique mv codes:  3                          missing .*:  34/15170

            tabulation:  Freq.   Numeric  Label
                         2490         0
                         12646        1  has academic qualifications
                            13       .a
                            15       .b
                             6       .c

29 . codebook jqualacgr

-------------------------------------------------------------------------------
jqualacgr
-------------------------------------------------------------------------------

                  type:  numeric (float)

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/15170
     unique mv codes:  3                          missing .*:  34/15170

            tabulation:  Freq.  Value
                         2384  1
                         2802  2
                         7313  3
                         2490  4
                          147  5
                            13  .a
                            15  .b
                             6  .c

30 . replace jqualacgr=.a if jqualacgr==5
(147 real changes made, 147 to missing)

31 . xi: svylogit accyn glowsad i.magebtg i. jqualacgr, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
varlist required
r(100);

32 . xi: svylogit accyn glowsad i.magebtg i.jqualacgr, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =      14984
Strata:   pttype2                                 Number of strata =          9
PSU:      sprptno                                 Number of PSUs   =        398
FPC:      Nh2                                     Population size  =   15763.27
                                                  F(   7,    383)  =      10.40
                                                  Prob > F         =     0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.265698	.0811814	3.67	0.000	1.115742	1.435807
_Imagebtg_5	2.113035	.717314	2.20	0.028	1.084043	4.118762
_Imagebtg_6	2.899263	.9614247	3.21	0.001	1.510566	5.56462
_Imagebtg_7	4.917923	1.74412	4.49	0.000	2.448864	9.876403
_Ijqualacg~2	.8469765	.0899408	-1.56	0.119	.6873846	1.043621
_Ijqualacg~3	.7749826	.0790057	-2.50	0.013	.6342277	.9469752
_Ijqualacg~4	.5441603	.0690466	-4.80	0.000	.4240175	.6983448

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
33 . svyset=[pweight=weight1]
pweight=weight1 invalid name
r(198);

34 . svyset [pweight=weight1]
pweight is weight1
strata is pttype2
psu is sprptno
fpc is Nh2

35 . xi: svylogit accyn glowsad i.magebtg i.jqualacgr i. i.country, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
varlist required
r(100);

36 . xi: svylogit accyn glowsad i.magebtg i.jqualacgr i.country, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)

Survey logistic regression

pweight:  weight1                           Number of obs    =     14984
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  14909.23
                                            F(  10,    380)  =     11.56
                                            Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.253755	.075091	3.78	0.000	1.114481	1.410434
_Imagebtg_5	1.790428	.5186767	2.01	0.045	1.012976	3.164569
_Imagebtg_6	2.53536	.7248541	3.25	0.001	1.445185	4.447909
_Imagebtg_7	4.461031	1.352127	4.93	0.000	2.45829	8.095383
_Ijqualacg~2	.9241783	.0874811	-0.83	0.405	.7672396	1.113219
_Ijqualacg~3	.7772572	.0697476	-2.81	0.005	.6515434	.9272273
_Ijqualacg~4	.5931156	.0642184	-4.82	0.000	.4793907	.7338192
_Icountry_2	1.003274	.0782733	0.04	0.967	.8606039	1.169595
_Icountry_3	.8544774	.0890736	-1.51	0.132	.696132	1.048841
_Icountry_4	.7224567	.0774882	-3.03	0.003	.5850998	.8920592

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
37 . svyset, clear [pweight]
option clear incorrectly specified
r(198);
```

```
38 . svyset, clear (pweight)
   strata is pttype2
   psu is sprptno
   fpc is Nh2

39 . xi: svylogit accyn glowsad i.magebtg i.jqualacgr i.country i.newfst i.freneiyn i.finyn i.
   i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
   i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
   i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
   i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
   i.freneiyn        _Ifreneiyn_0-1      (naturally coded; _Ifreneiyn_0 omitted)
   i.finyn           _Ifinyn_0-1         (naturally coded; _Ifinyn_0 omitted)
   variable goodyn not found
   r(111);

40 . xi: svylogit accyn glowsad i.magebtg i.jqualacgr i.country i.newfst i.freneiyn i.finyn i.
   i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
   i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
   i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
   i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
   i.freneiyn        _Ifreneiyn_0-1      (naturally coded; _Ifreneiyn_0 omitted)
   i.finyn           _Ifinyn_0-1         (naturally coded; _Ifinyn_0 omitted)
   i.igoodyn         _Iigoodyn_0-1       (naturally coded; _Iigoodyn_0 omitted)

   Survey logistic regression

   pweight:  <none>                      Number of obs    =     13959
   Strata:   pttype2                     Number of strata =         9
   PSU:      sprptno                     Number of PSUs   =       398
   FPC:      Nh2                         Population size  =     13959
                                         F(  14,    376)  =      9.52
                                         Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.175077	.0703577	2.69	0.007	1.044579	1.321877
_Imagebtg_5	1.443734	.3910456	1.36	0.176	.8476442	2.459013
_Imagebtg_6	1.86096	.4972683	2.32	0.021	1.100467	3.147002
_Imagebtg_7	2.627035	.7696564	3.30	0.001	1.476748	4.673317
_Ijqualacg~2	.9623024	.0897562	-0.41	0.681	.8010695	1.155987
_Ijqualacg~3	.8358255	.072482	-2.07	0.039	.7048063	.9912002
_Ijqualacg~4	.6233075	.0729576	-4.04	0.000	.4951754	.7845952
_Icountry_2	1.037232	.0813119	0.47	0.641	.8890768	1.210076
_Icountry_3	.8344215	.083292	-1.81	0.071	.6857303	1.015354
_Icountry_4	.7107112	.0706552	-3.43	0.001	.5845302	.8641305
_Inewfst_1	1.230134	.0782819	3.25	0.001	1.085465	1.394086
_Ifreneiyn_1	.6008259	.084317	-3.63	0.000	.4559554	.791726
_Ifinyn_1	.8008005	.0711158	-2.50	0.013	.6725069	.9535686
_Iigoodyn_1	.8460356	.062111	-2.28	0.023	.7323241	.9774035

```
   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

41 . replace freneiyn=2 if freneiyn==0
   (418 real changes made)

42 . replace finyn=2 if finyn==0
   (1430 real changes made)

43 . replace igoodyn=2 if igoodyn==0
   (3420 real changes made)
```

```
44 . xi: svylogit accyn glowsad i.magebtg i.jqualacgr i.country i.newfst i.freneiyn i.finyn i.
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
i.freneiyn        _Ifreneiyn_1-2      (naturally coded; _Ifreneiyn_1 omitted)
i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  <none>                                  Number of obs    =     13959
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =     13959
                                                  F(  14,    376)  =      9.52
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.175077	.0703577	2.69	0.007	1.044579	1.321877
_Imagebtg_5	1.443734	.3910456	1.36	0.176	.8476442	2.459013
_Imagebtg_6	1.86096	.4972683	2.32	0.021	1.100467	3.147002
_Imagebtg_7	2.627035	.7696564	3.30	0.001	1.476748	4.673317
_Ijqualacg~2	.9623024	.0897562	-0.41	0.681	.8010695	1.155987
_Ijqualacg~3	.8358255	.072482	-2.07	0.039	.7048063	.9912002
_Ijqualacg~4	.6233075	.0729576	-4.04	0.000	.4951754	.7845952
_Icountry_2	1.037232	.0813119	0.47	0.641	.8890768	1.210076
_Icountry_3	.8344215	.083292	-1.81	0.071	.6857303	1.015354
_Icountry_4	.7107112	.0706552	-3.43	0.001	.5845302	.8641305
_Inewfst_1	1.230134	.0782819	3.25	0.001	1.085465	1.394086
_Ifreneiyn_2	1.664376	.2335703	3.63	0.000	1.263063	2.193197
_Ifinyn_2	1.24875	.1108963	2.50	0.013	1.048692	1.486974
_Iigoodyn_2	1.181983	.0867743	2.28	0.023	1.023119	1.365516

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

45 . xi: svylogit accyn glowsad i.magebtg i.jqualacgr i.country i.pttype i.newfst i.freneiyn i
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.pttype          _Ipttype_1-3        (naturally coded; _Ipttype_1 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
i.freneiyn        _Ifreneiyn_1-2      (naturally coded; _Ifreneiyn_1 omitted)
i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  <none>                                  Number of obs    =     13959
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =     13959
                                                  F(  16,    374)  =      8.60
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.168395	.0703524	2.58	0.010	1.03795	1.315234
_Imagebtg_5	1.454025	.394765	1.38	0.169	.8526116	2.479664
_Imagebtg_6	1.835392	.4900456	2.27	0.023	1.085802	3.102466
_Imagebtg_7	2.558872	.7489814	3.21	0.001	1.439211	4.549594
_Ijqualacg~2	.9541765	.0889646	-0.50	0.615	.7943602	1.146146
_Ijqualacg~3	.8121125	.0718109	-2.35	0.019	.6825178	.9663143
_Ijqualacg~4	.5913514	.0710986	-4.37	0.000	.466859	.749041
_Icountry_2	1.012972	.0799859	0.16	0.870	.8673121	1.183095
_Icountry_3	.8328841	.0841413	-1.81	0.071	.6828486	1.015885
_Icountry_4	.7001687	.070712	-3.53	0.000	.5740756	.8539576
_Ipttype_2	1.167893	.0838404	2.16	0.031	1.01416	1.34493
_Ipttype_3	1.251799	.187223	1.50	0.134	.932887	1.679733
_Inewfst_1	1.231748	.0784731	3.27	0.001	1.086735	1.396112

_Ifreneiyn_2	1.657356	.2324599	3.60	0.000	1.257923	2.183622
_Ifinyn_2	1.241049	.1100815	2.43	0.015	1.042441	1.477496
_Iigoodyn_2	1.181621	.0866723	2.28	0.023	1.022933	1.364925

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
46 . svyset [pweight=weight2]
pweight is weight2
strata is pttype2
psu is sprptno
fpc is Nh2
```

```
47 . xi: svylogit acchosp glowsad i.magebtg i.jqualacgr i.country i.newfst i.freneiyn i.finyn
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
i.country         _Icountry_1-4       (naturally coded; _Icountry_1 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)
i.freneiyn        _Ifreneiyn_1-2      (naturally coded; _Ifreneiyn_1 omitted)
i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                           Number of obs    =     13959
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  14806.64
                                            F(  13,    377)  =         .
                                            Prob > F         =         .
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.249305	.3561313	0.78	0.435	.7132879	2.188126
_Imagebtg_5	2060644	917671	32.65	0.000	858524.5	4945993
_Imagebtg_6	3522257	1469775	36.13	0.000	1550677	8000569
_Imagebtg_7	1.15e+07	.	.	.	.	.
_Ijqualacg~2	.851701	.3615144	-0.38	0.706	.3697065	1.962082
_Ijqualacg~3	.3266184	.1368536	-2.67	0.008	.1433088	.7444037
_Ijqualacg~4	.4580181	.2217923	-1.61	0.108	.1767695	1.186746
_Icountry_2	1.391739	.4329334	1.06	0.289	.7549962	2.565491
_Icountry_3	.9023333	.3717257	-0.25	0.803	.4014312	2.028256
_Icountry_4	.8422502	.316092	-0.46	0.648	.4027103	1.761528
_Inewfst_1	.5443192	.2038728	-1.62	0.105	.2606418	1.136745
_Ifreneiyn_2	1.350189	.7312852	0.55	0.580	.4655116	3.916143
_Ifinyn_2	1.196688	.4880376	0.44	0.660	.5367322	2.668114
_Iigoodyn_2	3.013326	1.004832	3.31	0.001	1.564287	5.804648

Note: 282 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
48 . xi: svylogit accyn glowsad i.magebtg i.hpartlkyn i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                           Number of obs    =     14160
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  15002.24
                                            F(   6,    384)  =     10.46
                                            Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.123981	.0799479	1.64	0.101	.9772927	1.292686
_Imagebtg_5	2.022626	.6877913	2.07	0.039	1.036483	3.947016
_Imagebtg_6	2.594164	.8482176	2.92	0.004	1.363986	4.933835
_Imagebtg_7	3.851382	1.328537	3.91	0.000	1.954688	7.588495
_Ihpartlky~1	.9765299	.0864192	-0.27	0.789	.8205827	1.162114
_Iigoodyn_2	1.276056	.1149976	2.71	0.007	1.068859	1.523418

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
49 . xi: svylogit accyn glowsad i.magebtg i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                           Number of obs    =     14433
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  15243.73
                                            F(   5,    385)  =     12.87
                                            Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.144988	.0802604	1.93	0.054	.9975807	1.314178
_Imagebtg_5	2.047749	.6935719	2.12	0.035	1.052144	3.985457
_Imagebtg_6	2.625467	.8589409	2.95	0.003	1.379941	4.995196
_Imagebtg_7	3.889669	1.340191	3.94	0.000	1.975671	7.657917
_Iigoodyn_2	1.268231	.1134138	2.66	0.008	1.063752	1.512015

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
50 . xi: svylogit accyn i.magebtg i.hpartlkyn i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                           Number of obs    =     14162
Strata:   pttype2                           Number of strata =         9
PSU:      sprptno                           Number of PSUs   =       398
FPC:      Nh2                               Population size  =  15005.17
                                            F(   5,    385)  =     10.99
                                            Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	2.027585	.6891949	2.08	0.038	1.039309	3.955609
_Imagebtg_6	2.61802	.8541112	2.95	0.003	1.378503	4.972083
_Imagebtg_7	3.898946	1.342811	3.95	0.000	1.980958	7.673953
_Ihpartlky~1	.9609168	.0833424	-0.46	0.646	.8102683	1.139574
_Iigoodyn_2	1.317454	.1109589	3.27	0.001	1.116405	1.55471

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

```
51 . xi: svylogit accyn  i.magebtg i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14436
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15246.89
                                                  F(   4,    386)  =     13.76
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	2.051187	.6945305	2.12	0.034	1.054119	3.991361
_Imagebtg_6	2.652702	.8655505	2.99	0.003	1.396635	5.038415
_Imagebtg_7	3.95043	1.357827	4.00	0.000	2.009831	7.764783
_Iigoodyn_2	1.319448	.1087189	3.36	0.001	1.122113	1.551486

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

52 . xi: svylogit accyn  i.magebtg i.jqualacgr i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14282
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15126.31
                                                  F(   7,    383)  =      8.69
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	2.021593	.6888003	2.07	0.040	1.034584	3.950223
_Imagebtg_6	2.767302	.9192515	3.06	0.002	1.440188	5.317335
_Imagebtg_7	4.530951	1.611682	4.25	0.000	2.251478	9.11824
_Ijqualacg~2	.8595514	.0933581	-1.39	0.164	.694276	1.064171
_Ijqualacg~3	.8120205	.0845907	-2.00	0.046	.6616341	.996589
_Ijqualacg~4	.5585793	.0743138	-4.38	0.000	.4300183	.7255757
_Iigoodyn_2	1.32449	.1105419	3.37	0.001	1.12405	1.560672

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

53 . test _Ijqualacgr_2 _Ijqualacgr_3 _Ijqualacgr_4

Adjusted Wald test

 ( 1)  _Ijqualacgr_2 = 0
 ( 2)  _Ijqualacgr_3 = 0
 ( 3)  _Ijqualacgr_4 = 0

       F(  3,    387) =    6.47
            Prob > F =    0.0003
```

```
54 . xi: svylogit accyn  i.magebtg i.jqualacgr i.igoodyn i.finyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
i.finyn           _Ifinyn_1-2         (naturally coded; _Ifinyn_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14277
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15119.56
                                                  F(   8,     382) =      9.26
                                                  Prob > F         =    0.0000
```

accyn	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	2.039454	.6945646	2.09	0.037	1.044048	3.983889
_Imagebtg_6	2.764343	.9183645	3.06	0.002	1.43855	5.312011
_Imagebtg_7	4.518708	1.606397	4.24	0.000	2.246303	9.089924
_Ijqualacg~2	.850619	.092203	-1.49	0.136	.6873548	1.052663
_Ijqualacg~3	.8008015	.0832603	-2.14	0.033	.652752	.9824298
_Ijqualacg~4	.5422589	.0726014	-4.57	0.000	.4167602	.7055489
_Iigoodyn_2	1.300145	.1100707	3.10	0.002	1.100788	1.535605
_Ifinyn_2	1.325878	.1393161	2.68	0.008	1.078412	1.630131

```
Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

55 . test _Ifinyn_2

Adjusted Wald test

 ( 1)  _Ifinyn_2 = 0

       F(  1,   389) =    7.21
            Prob > F =    0.0076

56 . xi: svylogit acchosp glowsad i.magebtg i.hpartlkyn i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14160
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15002.24
                                                  F(   5,     385) =         .
                                                  Prob > F         =         .
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.088042	.312402	0.29	0.769	.6187049	1.913411
_Imagebtg_5	1894159	.	.	.	.	.
_Imagebtg_6	2388540	707513.1	49.58	0.000	1334166	4276172
_Imagebtg_7	4664940	1685299	42.50	0.000	2292838	9491148
_Ihpartlky~1	.6346317	.1807849	-1.60	0.111	.3624822	1.11111
_Iigoodyn_2	3.332143	1.036928	3.87	0.000	1.807224	6.143776

```
Note: 289 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
57 . xi: svylogit acchosp glowsad i.magebtg i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14433
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15243.73
                                                  F(   4,     386)  =         .
                                                  Prob > F         =         .
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
glowsad	1.262166	.3572419	0.82	0.411	.7235051	2.201869
_Imagebtg_5	704750.8	255905.6	37.08	0.000	345133.2	1439078
_Imagebtg_6	962800.4	370394.1	35.81	0.000	451910.9	2051255
_Imagebtg_7	1800906	.	.	.	.	.
_Iigoodyn_2	3.169681	1.01328	3.61	0.000	1.690656	5.942592

```
Note: 295 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

58 . xi: svylogit acchosp i.magebtg i.hpartlkyn i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14162
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15005.17
                                                  F(   4,     386)  =         .
                                                  Prob > F         =         .
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	1897693	.	.	.	.	.
_Imagebtg_6	2407584	732523.1	48.30	0.000	1323700	4378984
_Imagebtg_7	4712842	1736393	41.71	0.000	2283961	9724722
_Ihpartlky~1	.6271471	.1767567	-1.66	0.099	.3603428	1.091498
_Iigoodyn_2	3.410716	.9952135	4.20	0.000	1.921756	6.053311

```
Note: 289 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

59 . xi: svylogit acchosp i.magebtg i.igoodyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14436
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15246.89
                                                  F(   3,     387)  =         .
                                                  Prob > F         =         .
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	709970.4	263947.7	36.24	0.000	341821.2	1474625
_Imagebtg_6	988086.4	380229.6	35.87	0.000	463679.9	2105579
_Imagebtg_7	1865411	.	.	.	.	.
_Iigoodyn_2	3.397484	1.001045	4.15	0.000	1.903593	6.063743

Note: 295 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

60 . test _Imagebtg_5 _Imagebtg_6 _Imagebtg_7

Adjusted Wald test

(1) **_Imagebtg_5 = 0**
(2) **_Imagebtg_6 = 0**
(3) **_Imagebtg_7 = 0**
Constraint 3 dropped

F(2, 388) = **767.73**
Prob > F = **0.0000**

61 . xi: svylogit acchosp i.magebtg i.jqualacgr i.igoodyn, or
i.magebtg _Imagebtg_4-7 (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr _Ijqualacgr_1-4 (naturally coded; _Ijqualacgr_1 omitted)
i.igoodyn _Iigoodyn_1-2 (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight: weight2
Strata: pttype2
PSU: sprptno
FPC: Nh2

Number of obs = **14282**
Number of strata = **9**
Number of PSUs = **398**
Population size = **15126.31**
F(6, 384) = .
Prob > F = .

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	1903277	.	.	.	.	.
_Imagebtg_6	3118917	905353.7	51.51	0.000	1762574	5518998
_Imagebtg_7	6892785	2639606	41.12	0.000	3246445	1.46e+07
_Ijqualacg~2	.9443898	.3988649	-0.14	0.892	.4116447	2.166606
_Ijqualacg~3	.393468	.1522163	-2.41	0.016	.1839024	.8418436
_Ijqualacg~4	.7161302	.3103862	-0.77	0.442	.3054299	1.679084
_Iigoodyn_2	3.378512	.9891929	4.16	0.000	1.899874	6.007948

Note: 288 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without replacement of PSUs within each stratum with no subsampling within PSUs.

62 . test _Ijqualacgr_2 _Ijqualacgr_3 _Ijqualacgr_4

Adjusted Wald test

(1) **_Ijqualacgr_2 = 0**
(2) **_Ijqualacgr_3 = 0**
(3) **_Ijqualacgr_4 = 0**

F(3, 387) = **3.03**
Prob > F = **0.0295**

```
63 . xi: svylogit acchosp  i.magebtg i.jqualacgr i.igoodyn i.newfst, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
i.newfst          _Inewfst_0-1        (naturally coded; _Inewfst_0 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14280
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15122.31
                                                  F(   7,    383)  =         .
                                                  Prob > F         =         .
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	2015636	890557	32.86	0.000	845583.8	4804712
_Imagebtg_6	3770568	1571209	36.34	0.000	1661886	8554851
_Imagebtg_7	1.12e+07	.	.	.	.	.
_Ijqualacg~2	.8859149	.3730375	-0.29	0.774	.3871264	2.027362
_Ijqualacg~3	.3419509	.1398922	-2.62	0.009	.1529855	.7643237
_Ijqualacg~4	.576878	.2649531	-1.20	0.232	.2338392	1.42315
_Iigoodyn_2	3.323185	.9862869	4.05	0.000	1.854122	5.95622
_Inewfst_1	.5275921	.1913874	-1.76	0.079	.2585567	1.076566

```
Note: 288 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

64 . test _Inewfst_1

Adjusted Wald test

 ( 1)  _Inewfst_1 = 0

       F(  1,    389) =    3.11
            Prob > F =    0.0787

65 . xi: svylogit acchosp  i.magebtg i.jqualacgr i.igoodyn i.hpartlkyn, or
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14013
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  14887.27
                                                  F(   7,    383)  =         .
                                                  Prob > F         =         .
```

acchosp	Odds Ratio	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	1864437	718807.3	37.45	0.000	873685	3978695
_Imagebtg_6	2830881	1126432	37.34	0.000	1294685	6189838
_Imagebtg_7	6688721	.	.	.	.	.
_Ijqualacg~2	.9376148	.3991051	-0.15	0.880	.4060423	2.165099
_Ijqualacg~3	.3429251	.1343335	-2.73	0.007	.1587519	.7407636
_Ijqualacg~4	.6565836	.2866507	-0.96	0.336	.2783001	1.549054
_Iigoodyn_2	3.371003	.9830795	4.17	0.000	1.899984	5.980924
_Ihpartlky~1	.5790253	.1596459	-1.98	0.048	.3367256	.995678

```
Note: 283 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
66 . test  _Ihpartlkyn_1

   Adjusted Wald test

    ( 1)  _Ihpartlkyn_1 = 0

          F(  1,    389) =    3.93
               Prob > F =    0.0482

67 . xi: svylogit acchosp  i.magebtg i.jqualacgr i.igoodyn i.hpartlkyn
   i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
   i.jqualacgr       _Ijqualacgr_1-4     (naturally coded; _Ijqualacgr_1 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)
   i.hpartlkyn       _Ihpartlkyn_0-1     (naturally coded; _Ihpartlkyn_0 omitted)

   Survey logistic regression

   pweight:  weight2                             Number of obs    =     14013
   Strata:   pttype2                             Number of strata =         9
   PSU:      sprptno                             Number of PSUs   =       398
   FPC:      Nh2                                 Population size  =  14887.27
                                                 F(   7,     383)  =         .
                                                 Prob > F          =         .

------------------------------------------------------------------------------
     acchosp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 _Imagebtg_5 |    14.43847   .3855358    37.45   0.000     13.68048    15.19646
 _Imagebtg_6 |     14.8561   .3979088    37.34   0.000     14.07378    15.63842
 _Imagebtg_7 |    15.71593          .        .       .            .           .
_Ijqualacg~2 |    -.064416     .42566    -0.15   0.880    -.901298    .7724659
_Ijqualacg~3 |   -1.070243   .3917283    -2.73   0.007   -1.840413   -.3000737
_Ijqualacg~4 |   -.4207053   .4365791    -0.96   0.336   -1.279055    .4376446
 _Iigoodyn_2 |     1.21521   .2916282     4.17   0.000     .6418457    1.788575
_Ihpartlky~1 |   -.5464092   .2757149    -1.98   0.048   -1.088487   -.0043313
       _cons |   -19.57669   .5647184   -34.67   0.000   -20.68697   -18.46641
------------------------------------------------------------------------------
Note: 283 failures and 0 successes completely determined.

   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.

68 . xi: svylogit acchosp  i.magebtg i.igoodyn, or
   i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
   i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

   Survey logistic regression

   pweight:  weight2                             Number of obs    =     14436
   Strata:   pttype2                             Number of strata =         9
   PSU:      sprptno                             Number of PSUs   =       398
   FPC:      Nh2                                 Population size  =  15246.89
                                                 F(   3,     387)  =         .
                                                 Prob > F          =         .

------------------------------------------------------------------------------
     acchosp | Odds Ratio   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 _Imagebtg_5 |   709970.4   263947.7    36.24   0.000     341821.2    1474625
 _Imagebtg_6 |   988086.4   380229.6    35.87   0.000     463679.9    2105579
 _Imagebtg_7 |    1865411          .        .       .            .           .
 _Iigoodyn_2 |   3.397484   1.001045     4.15   0.000     1.903593    6.063743
------------------------------------------------------------------------------
Note: 295 failures and 0 successes completely determined.

   Finite population correction (FPC) assumes simple random sampling without
   replacement of PSUs within each stratum with no subsampling within PSUs.
```

```
69 . xi: svylogit acchosp  i.magebtg i.igoodyn
i.magebtg         _Imagebtg_4-7       (naturally coded; _Imagebtg_4 omitted)
i.igoodyn         _Iigoodyn_1-2       (naturally coded; _Iigoodyn_1 omitted)

Survey logistic regression

pweight:  weight2                                 Number of obs    =     14436
Strata:   pttype2                                 Number of strata =         9
PSU:      sprptno                                 Number of PSUs   =       398
FPC:      Nh2                                     Population size  =  15246.89
                                                  F(   3,     387)  =         .
                                                  Prob > F         =         .
```

acchosp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_Imagebtg_5	**13.47298**	**.3717728**	**36.24**	**0.000**	**12.74204**	**14.20391**
_Imagebtg_6	**13.80353**	**.3848142**	**35.87**	**0.000**	**13.04695**	**14.5601**
_Imagebtg_7	**14.43899**	.	.	.	.	.
_Iigoodyn_2	**1.223035**	**.294643**	**4.15**	**0.000**	**.6437433**	**1.802327**
_cons	**-19.43536**	**.3490321**	**-55.68**	**0.000**	**-20.12159**	**-18.74914**

```
Note: 295 failures and 0 successes completely determined.

Finite population correction (FPC) assumes simple random sampling without
replacement of PSUs within each stratum with no subsampling within PSUs.

70 . exit, clear
```